TC-WA8ESA/WE805S

SERVICE MANUAL

US Model
Canadian Model
TC-WA8ESA/WE805S

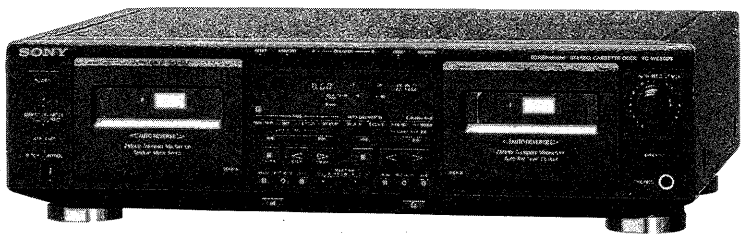

Photo : TC-WE805S

AEP Model
UK Model
E Model
Australian Model
Chinese Model
TC-WE805S

* Dolby noise reduction and HX Pro headroom extension manufactured under license from Dolby Laboratories Licensing Corporation. HX Pro originated by Bang & Olufsen.

"DOLBY", the double-D symbol ◻◻ and "HX PRO" are trademarks of Dolby Laboratories Licensing Corporation.

Model Name Using Similar Mechanism		NEW
Tape Transport Machanism Type	DECK-A	TC-WA8ESA : TCM-190RB11C TC-WE805S : TCM-190RB13C
	DECK- B	TCM-190RB11C

SPECIFICATIONS

System

Recording system
4-track 2-channel stereo

Fast-winding time (approx.)
90 sec. (with Sony C-60 cassette)

High-speed fast-winding time (approx.)
45 sec. (with Sony C-60 cassette)

Bias
AC bias

Signal-to-noise ratio (at peak level and weighted with Dolby NR off)
Type I tape, Sony Type I (NORMAL): 55 dB
Type II tape, Sony Type II (HIGH): 57 dB
Type IV tape, Sony Type IV (METAL): 58 dB

S/N ratio improvement (approximate values)
With Dolby B NR on: 5 dB at 1 kHz, 10 dB at 5 kHz
With Dolby C NR on: 15 dB at 500 Hz, 20 dB at 1 kHz
With Dolby S NR on: 10 dB at 100 Hz, 24 dB at 1 kHz

Harmonic distortion
0.4% (with Type I tape, Sony Type I (NORMAL): 160 nWb/m 315 Hz, 3rd H.D.)
1.8% (with Type IV tape, Sony Type IV (METAL): 250 nWb/m 315 Hz, 3rd H.D.)

Frequency response (Dolby NR off)

Tape type	
Type I tape, Sony Type I (NORMAL)	30 - 16,000 Hz (±3 dB, IEC), 20 - 17,000 Hz (±6 dB)
Type II tape, Sony Type II (HIGH)	30 - 17,000 Hz (±3 dB, IEC), 20 - 18,000 Hz (±6 dB)
Type IV tape, Sony Type IV (METAL)	30 - 19,000 Hz (±3 dB, IEC), 20 - 20,000 Hz (±6 dB), 30 - 13,000 Hz (±3 dB, –4 dB recording)

Wow and flutter
±0.13% W. Peak (IEC)
0.07% W. RMS (NAB)
±0.18% W. Peak (DIN)

Variable pitch range (approx.) (TC-WE805S only)
–30 to +30%

— Continued on page 2 —

使用時は添付資料も参照のこと
Refer to the additional documents.

STEREO CASSETTE DECK

SONY®

Inputs

Line inputs (phono jacks)
Sensitivity : 0.16 V
Input impedance : 47 kilohms

Outputs

Line outputs (phono jacks)
Rated output level : 0.5 V at a load impedance of 47 kilohms
Load impedance : Over 10 kilohms

Headphones (stereo phone jack)
Output level : 0.25 mW at a load impedance of 32 ohms

General

Power requirements

Where purchased	Power requirements
US, Canadian model	120V AC, 60Hz
AEP, UK, German, Malaysia, Singapore, Chinese model	220 – 230V AC, 50/60Hz
Australian model	240V AC, 50/60Hz
E model	120/220/240V AC, 50/60Hz

Power consumption
28W

Dimensions (approx) (w/h/d)
UK, and Australian model :
430 × 120 × 303 mm (w/h/d)
(17 × 4 3/4 × 12 inches)
EXCEPT UK, Australian model :
430 × 120 × 290 mm (w/h/d)
(17 × 4 3/4 × 11 1/2 inches)
including projecting parts and controls

Mass (approx.)
4.2 kg (9 lbs 5 oz)

Supplied accessories
Audio connecting cords (2 phono plugs - 2 phono plugs) (2)
Remote commander (RM-J910) (1) :
(WA8ESA : Canadian model)

Design and specifications are subject to change without notice.

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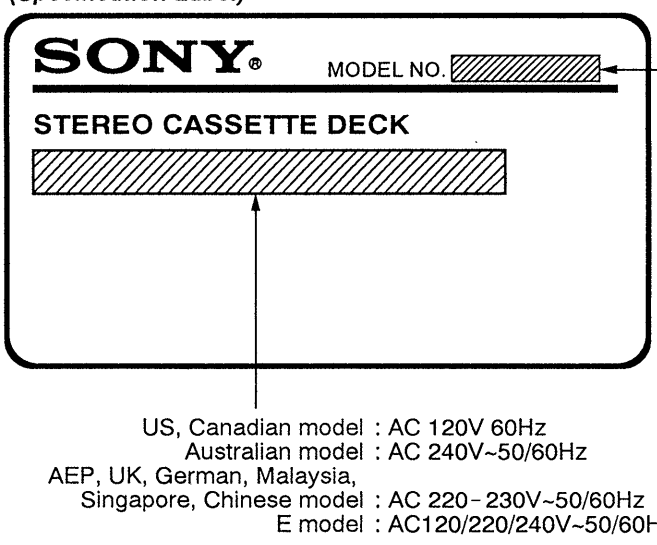
MODEL IDENTIFICATION
(Specification Label)



SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

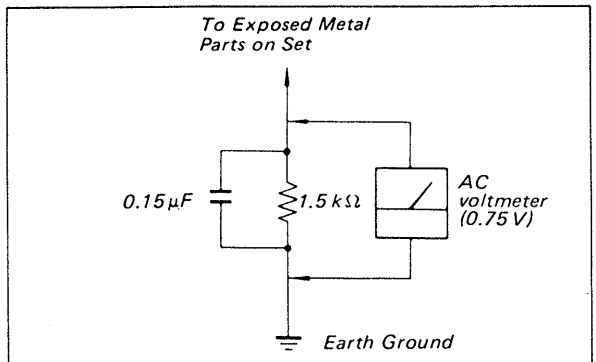


Fig. A. Using an AC voltmeter to check AC leakage.

SAFETY-RELATED COMPONENT WARNING!!

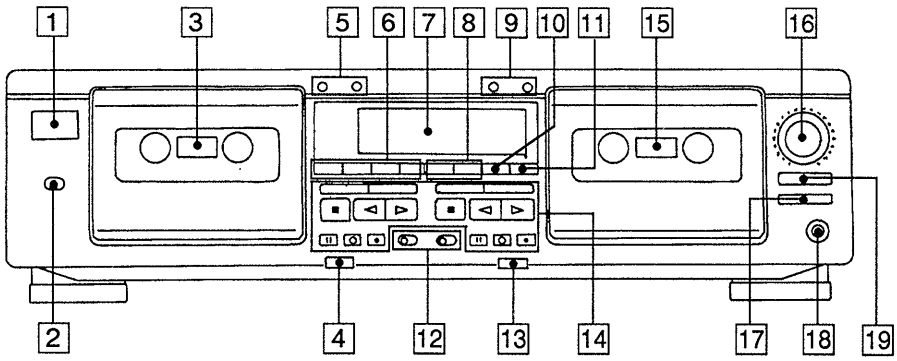
COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SECTION 1
GENERAL

IDENTIFYING THE PARTS : TC-WA8ESA

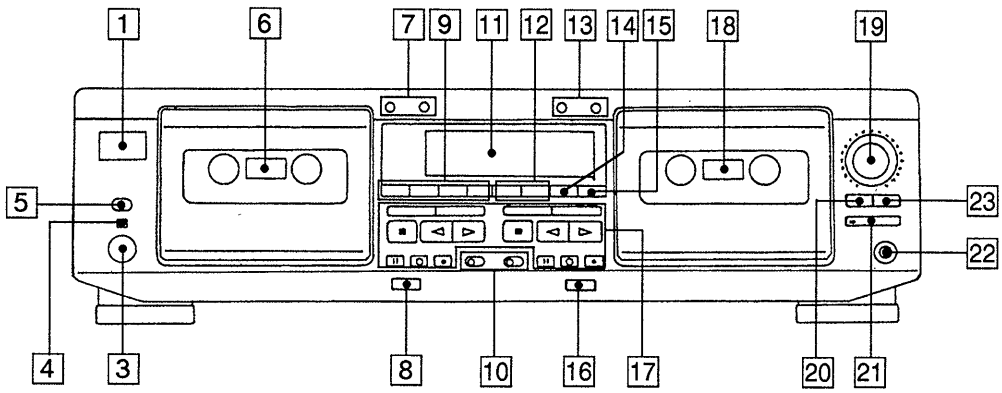


FRONT PANEL

1 POWER switch
2 DIRECTION MODE switch
3 Deck-A
4 ⏏ (eject) button (deck-A)
5 COUNTER buttons (deck-A)
RESET button
MEMORY button
6 RMS**operation buttons
RMS/START buttons
SET buttons
CHECK buttons
DISPLAY buttons
7 Display panel
8 AUTO CAL DECK-A and DECK-B buttons
9 COUNTER buttons (deck-B)
RESET button
MEMORY button
10 A+B REC button
11 SYNCHRO DUBBING buttons
HIGH/NORMAL button
12 DOLBY NR switches
OFF/ON/FILTER ON switch
B/C/S switch
13 ⏏ (eject) button (deck-B)
14 Tape operation buttons
◀◀ (leftward fastwinding)/AMS***/RMS** − button
▶▶ (rightward fastwinding)/AMS***/RMS** +button
■ (stop)/(RMS**) CLEAR button
◁ (reverse play)/(RMS**) BACK button
▷ (forward play)/(RMS**) FRONT button
II PAUSE button
O REC MUTE (record muting) button
● REC (record) button
15 Deck-B
16 REC (recording) LEVEL control
17 ARL button
18 PHONES jack (stereo phone jack)
19 FADER button

**Random Music Sensor
***Automatic Music Sensor

IDENTIFYING THE PARTS : TC-WE805S



FRONT PANEL

1 POWER switch
3 PITCH control
4 PITCH control ON/OFF switch
5 DIRECTION MODE switch
6 Deck-A
7 COUNTER buttons (deck-A)
RESET button
MEMORY button
8 ⏏ (eject) button (deck-A)
9 RMS**operation buttons
RMS/START buttons
SET buttons
CHECK buttons
DISPLAY buttons
10 DOLBY NR switches
OFF/ON/FILTER ON switch
B/C/S switch
11 Display panel
12 AUTO CAL DECK-A and DECK-B buttons
13 COUNTER buttons (deck-B)
RESET button
MEMORY button
14 A+B REC button
15 SYNCHRO DUBBING buttons
HIGH/NORMAL button
16 ⏏ (eject) button (deck-B)
17 Tape operation buttons
◀◀ (leftward fastwinding)/AMS***/
RMS** − button
▶▶ (rightward fastwinding)/AMS***/
RMS** +button
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◁ (reverse play)/(RMS**) BACK button
▷ (forward play)/(RMS**) FRONT button
II PAUSE button
O REC MUTE (record muting) button
● REC (record) button
18 Deck-B
19 REC (recording) LEVEL control
20 FADER button
21 SYNCHRO button
22 PHONES jack (stereo phone jack)
23 ARL button

**Random Music Sensor
***Automatic Music Sensor

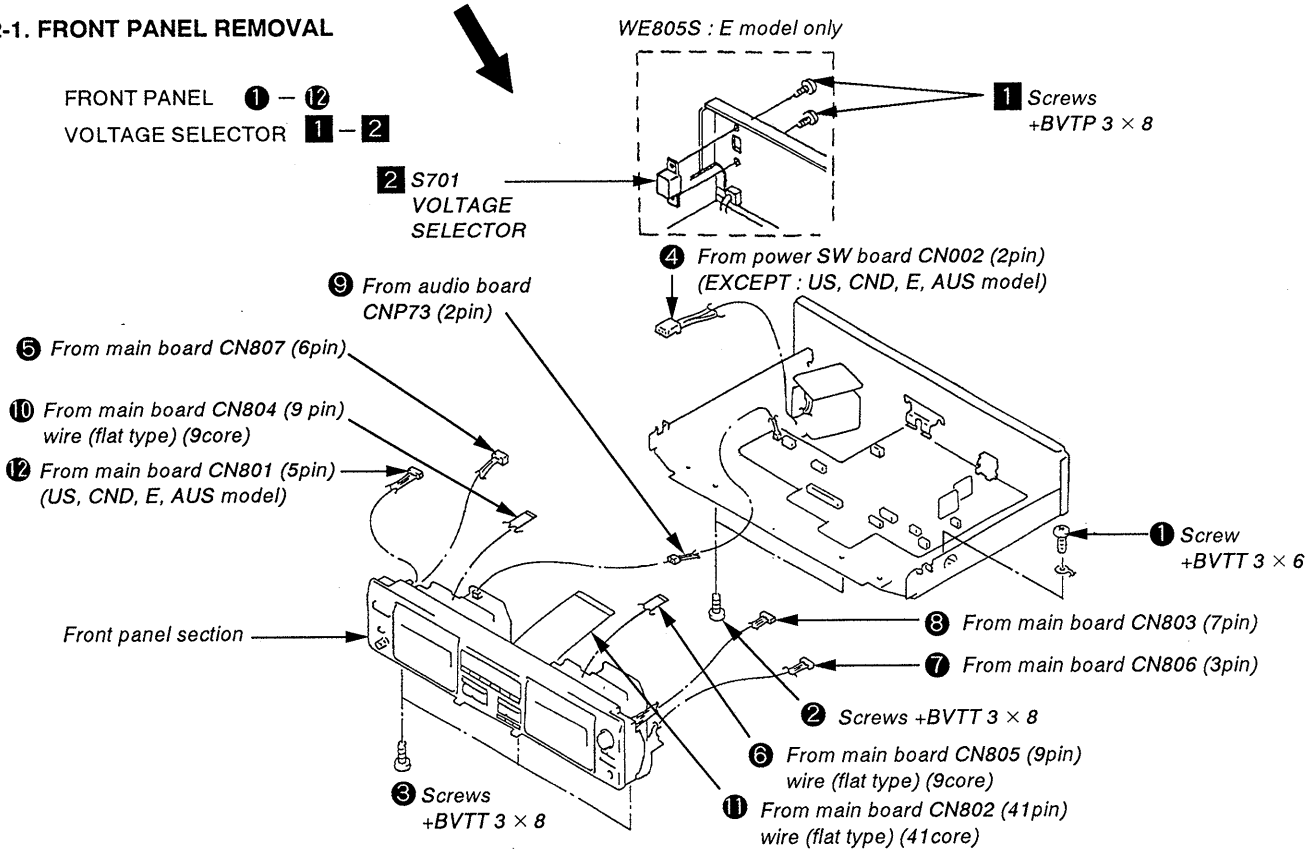
SECTION 2
DISASSEMBLY

Note : Follow the disassembly procedure in the numerical order given.

CASE
Unscrew the four case attachment screws M3 × 8 and remove the case.

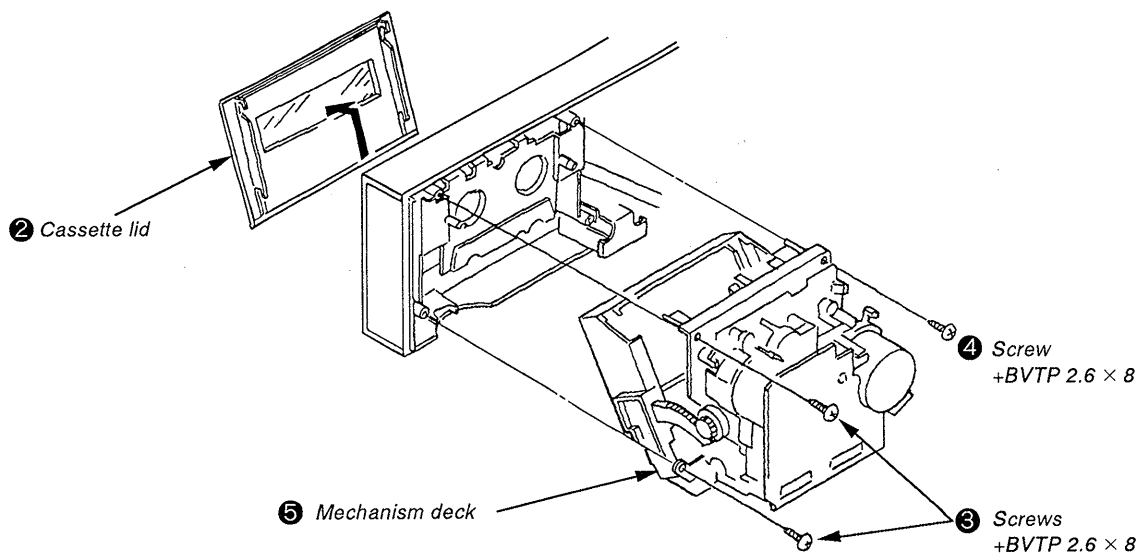
2-1. FRONT PANEL REMOVAL

FRONT PANEL ❶ – ⓬
VOLTAGE SELECTOR 1 – 2

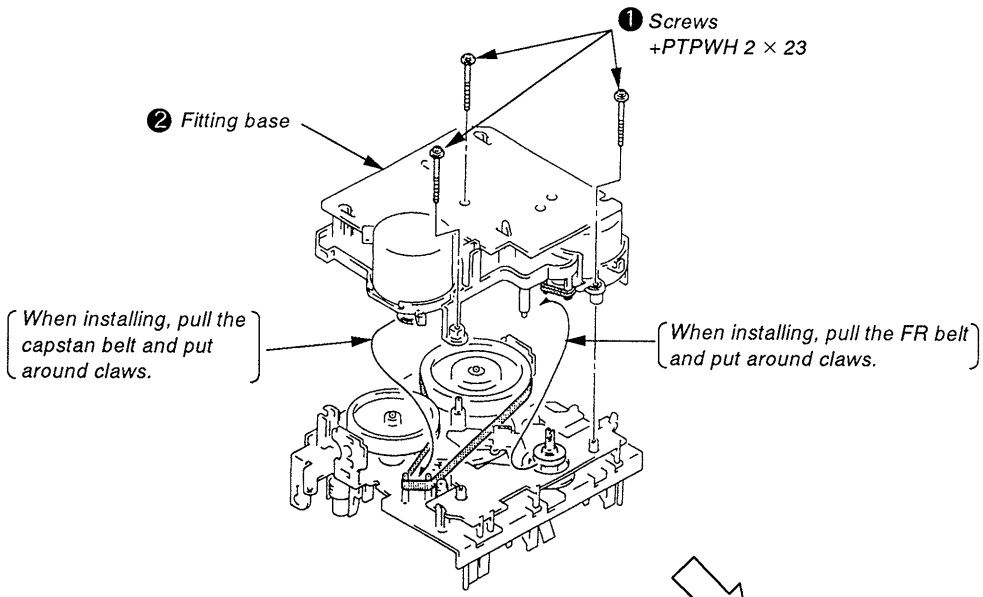

WE805S : E model only
1 Screws +BVTP 3 × 8
2 S701 VOLTAGE SELECTOR
❹ From power SW board CN002 (2pin) (EXCEPT : US, CND, E, AUS model)
❾ From audio board CNP73 (2pin)
❺ From main board CN807 (6pin)
❿ From main board CN804 (9 pin) wire (flat type) (9core)
⓬ From main board CN801 (5pin) (US, CND, E, AUS model)
❶ Screw +BVTT 3 × 6
Front panel section
❽ From main board CN803 (7pin)
❼ From main board CN806 (3pin)
❷ Screws +BVTT 3 × 8
❻ From main board CN805 (9pin) wire (flat type) (9core)
❸ Screws +BVTT 3 × 8
⓫ From main board CN802 (41pin) wire (flat type) (41core)

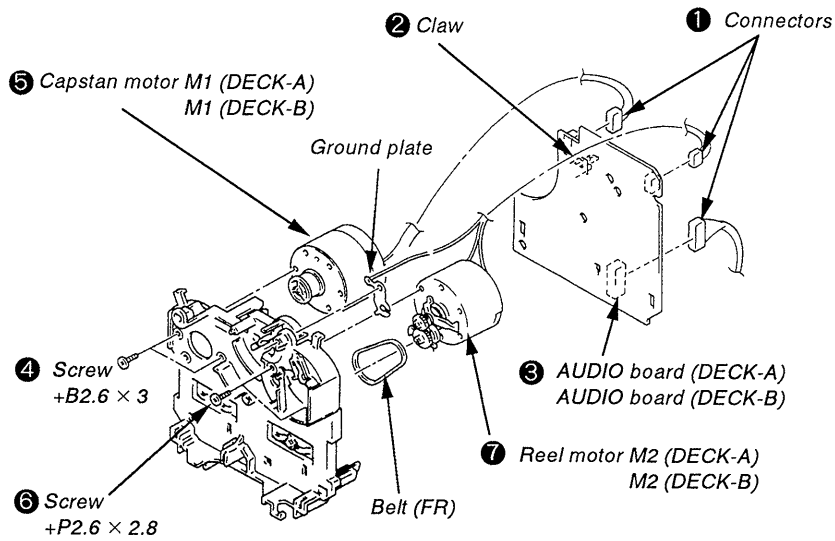
2-2. MECHANISM DECK

❶ Press the EJECT button.



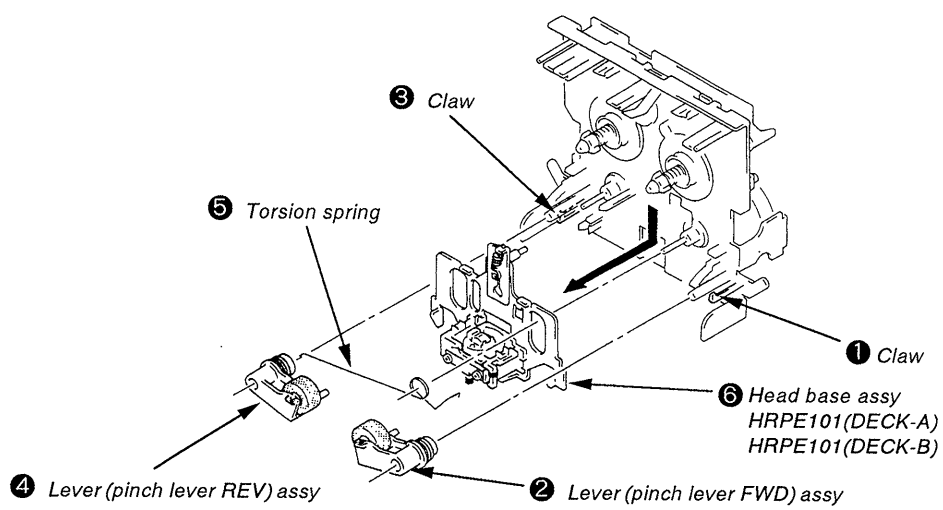
2-3. CAPSTAN MOTOR, REEL MOTOR


❶ Screws
+PTPWH 2 × 23
❷ Fitting base
When installing, pull the capstan belt and put around claws.
When installing, pull the FR belt and put around claws.



Remove the cassette holder

2-4. HEAD, PINCH ROLLER



SECTION 3
ADJUSTMENTS

3-1. MECHANICAL ADJUSTMENTS

PRECAUTION

1. Clean the following parts with a denatured alcohol-moistened swab:
   record/playback/erase head　　pinch roller
   rubber belts　　capstan
   idlers
2. Demagnetize the record/playback head with a head demagnetizer.
3. Do not use a magnetized screwdriver for the adjustment.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Torque Measurement

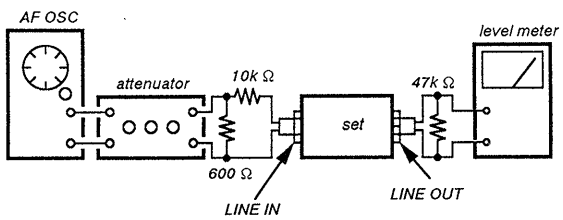
Torque	Torque meter	Meter reading
Forward	CQ-102C	30 to 65g • cm (0.42 to 0.9 oz • inch)
Forward back tension	CQ-102C	DECK-A : 1 to 6g • cm (0.014 to 0.083 oz • inch) DECK-B : 2 to 9g • cm (0.03 to 0.12 oz • inch)
Reverse	CQ-102RC	30 to 65g • cm (0.42 to 0.9 oz • inch)
Reverse back tension	CQ-102RC	1 to 6g • cm (0.014 to 0.083 oz • inch)
FF/REW	CQ-201B	70 to 120g•cm (0.98 to 1.66 oz•inch)

3-2. ELECTRICAL ADJUSTMENTS

PRECAUTION

1. The adjustment should be performed in the publication.
   (Be sure to male playback adjustment at first.)
2. The adjustments and measurement should be performed for both L-CH and R-CH.
   - Switch position
     DOLBY NR switch　　: OFF
     DIRECTION MODE switch : ⇄
   - Standard record position :
     Deliver the standard input signal level to input jack and set the REC LEVEL control to obtain the standard output signal level as follows.

– Record Mode –



Standard Input Level

Input terminal	LINE IN
source impedance	10k Ω
input signal level	0.5V (− 3.8dB)

Standard Output Level

Output terminal	LINE OUT
load impedance	47k Ω
output signal level	0.5V (− 3.8dB)

Test Tape

Tape	Contents	Use
P-4-A100	10kHz, − 10dB	Azimuth Adjustment
P-4-L300	315Hz, 0dB	PB Level Adjustment
WS-48B	3kHz, 0dB	Tape Speed Adjustment

0dB=0.775V

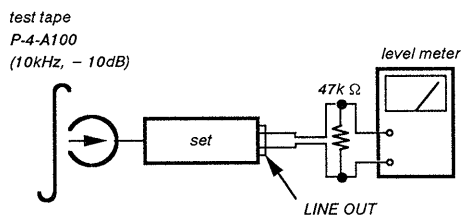
Test Mode

1. Insert a short-circuit plug into CN810 (2P) and turn ON the power switch.
   At first, all the fluorescent tubes light up, then the system returns to normal display. (However, "0,00" is not displayed on the counter.)
2. To release the test mode, remove the short plug and turn off the power switch.
3. Remove the short plug after completion of adjustment.

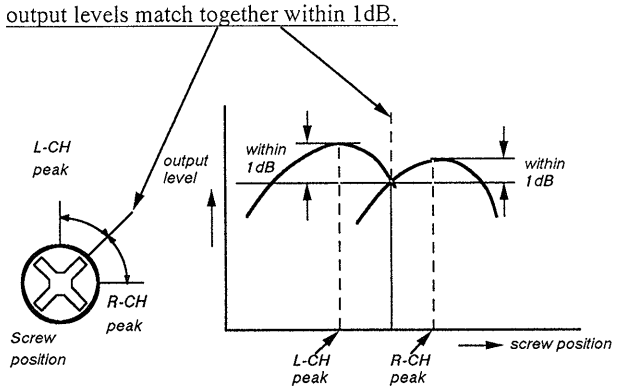
Record/Playback Head Azimuth Adjustment

Procedure :

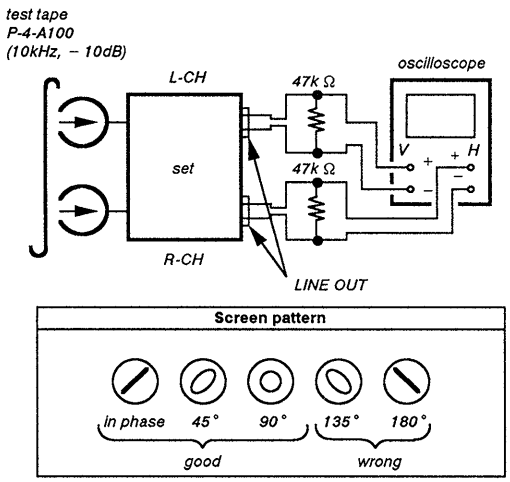
1. Forward playback Mode



2. Turn the adjustment screw for the maximum output levels. If these levels do not match, turn the adjustment screw until both of output levels match together within 1dB.

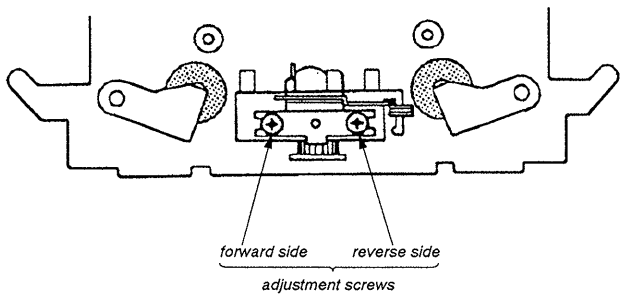


3. Playback Mode



4. Change the reveres playback mode and repeat the steps 1 to 3.
5. After the adjustment, lock the adjustment screws with suitable locking compound.

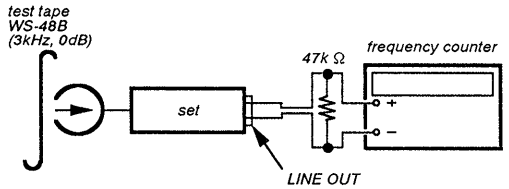
Adjustment Location : – record/playback head –



Tape Speed Adjustment DECK-A DECK-B

Procedure :

– Forward Playback Mode –



(High speed adjustment)

1. Set to test mode. (Refer to page 8)
2. Set to FWD playback mode.
3. Keep on pressing the HIGH SPEED DUBBING switch.
4. Adjust RV72 so that the frequency counter reading becomes 6,000 ± 20Hz.
5. Release test mode after adjustment is completed.

(Normal speed adjustment)

1. Set to FWD playback mode.
2. Adjust RV71 so that the frequency counter reading becomes 3,000 ± 10Hz.

(Pitch control adjustment) (TC-WE805S only)

1. Turn ON the PITCH CONTROL switch.
2. Set RV902 to mechanical center.
3. Set to FWD playback mode.
4. Adjust RV601 so that the frequency counter reading becomes 3,000 ± 10Hz.

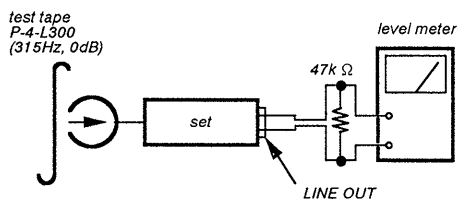
Frequency difference between the beginning and the end of the tape should be within 3%.
Frequency difference between the deck A and deck B the beginning of the tape should be within 1.5%.

Adjustment Location : AUDIO board, MAIN board.
(See page 11)

Playback Level Adjustment DECK-A DECK-B

Procedure :

– Forward Playback Mode –



Adjust RV11(L-CH) and RV21(R-CH) so the level meter reading becomes the adjustment limits below.

Adjustment Value :

LINE OUT level : – 7.7 ± 0.5dB (0.301 to 0.338V)

Level difference between channels : within 0.5dB

Confirm the LINE OUT level does not change in playback mode while changing the mode from playback to stop several times.

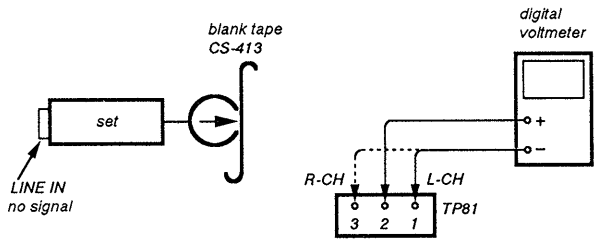
Adjustment Location : AUDIO board. (See page 11)

Bias Consumption Current Adjustment DECK-B

This adjustment should be performed when replacing the head assy or the bias oscillating transformer (T81, T91).

Procedure :

〈 〉: R-CH



1. Connect the digital voltmeter to test point TP81.
2. Set RV81〈RV91〉 to mechanical center.
3. Set to FWD record mode.
4. Adjust T81〈T91〉 so that the digital voltmeter reading becomes minimum.

Adjustment Value : Maximum 220mV

Adjustment Location : AUDIO board. (See page 11)

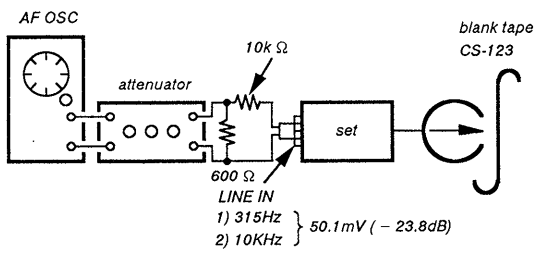
Record Bias Adjustment DECK-B

Setting :

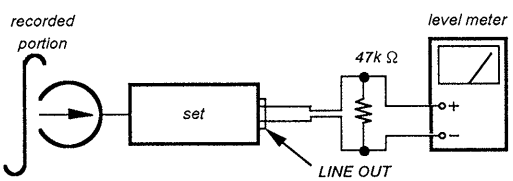
REC LEVEL control : standard record position (Refer to page 8)

Procedure :

1. Record Mode



2. Playback Mode



Confirm that the 10kHz playback output is 0 ± 0.5dB relative to the 315Hz output. If necessary, adjust RV81 (L-CH), RV91(R-CH) and repeat the steps given above.

Adjustment Location : AUDIO board. (See page 11)

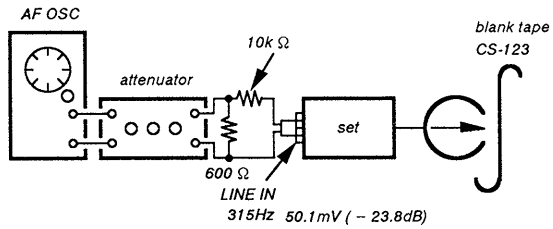
Record Level Adjustment DECK-B

Setting :

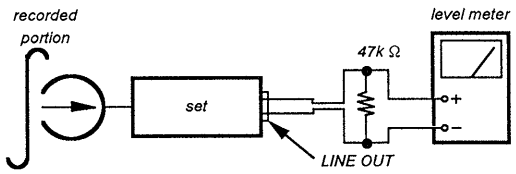
REC LEVEL control : standard record position (Refer to page 8)

Procedure :

1. Record Mode



2. Playback Mode



Confirm playback the tape recorded become adjustment level as follows.

If necessary, adjust RV101 (DECK-B, L-CH), RV201 (DECK-B, R-CH), and RV102 (DECK-A, L-CH), RV202 (DECK-A, R-CH) repeat the steps 1 and 2.

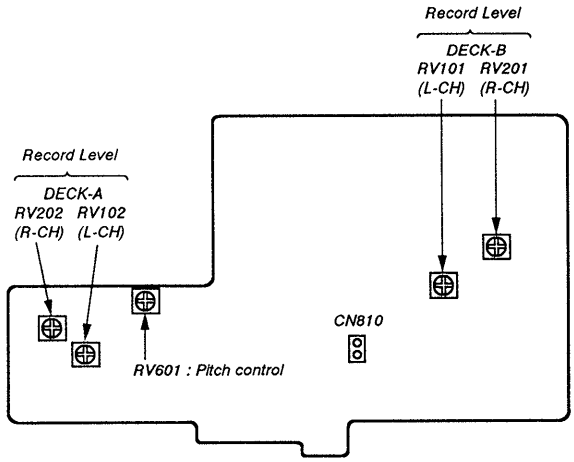
Adjustment Value :

LINE OUT level : − 23.8 ± 0.5dB (47.2 to 53mV)

Adjustment Location : MAIN board.
(See page 11)

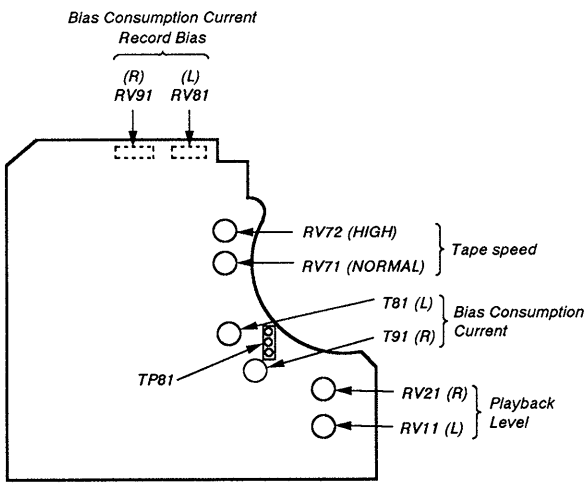
– Adjustment Parts Location Diagrams –

[MAIN BOARD]



DECK-A, DECK-B :

[AUDIO BOARD]



SECTION 4
EXPLANATION OF IC TERMINALS

IC801 CXP82432A-005Q (SYSTEM CONTROL/VFD DRIVE)

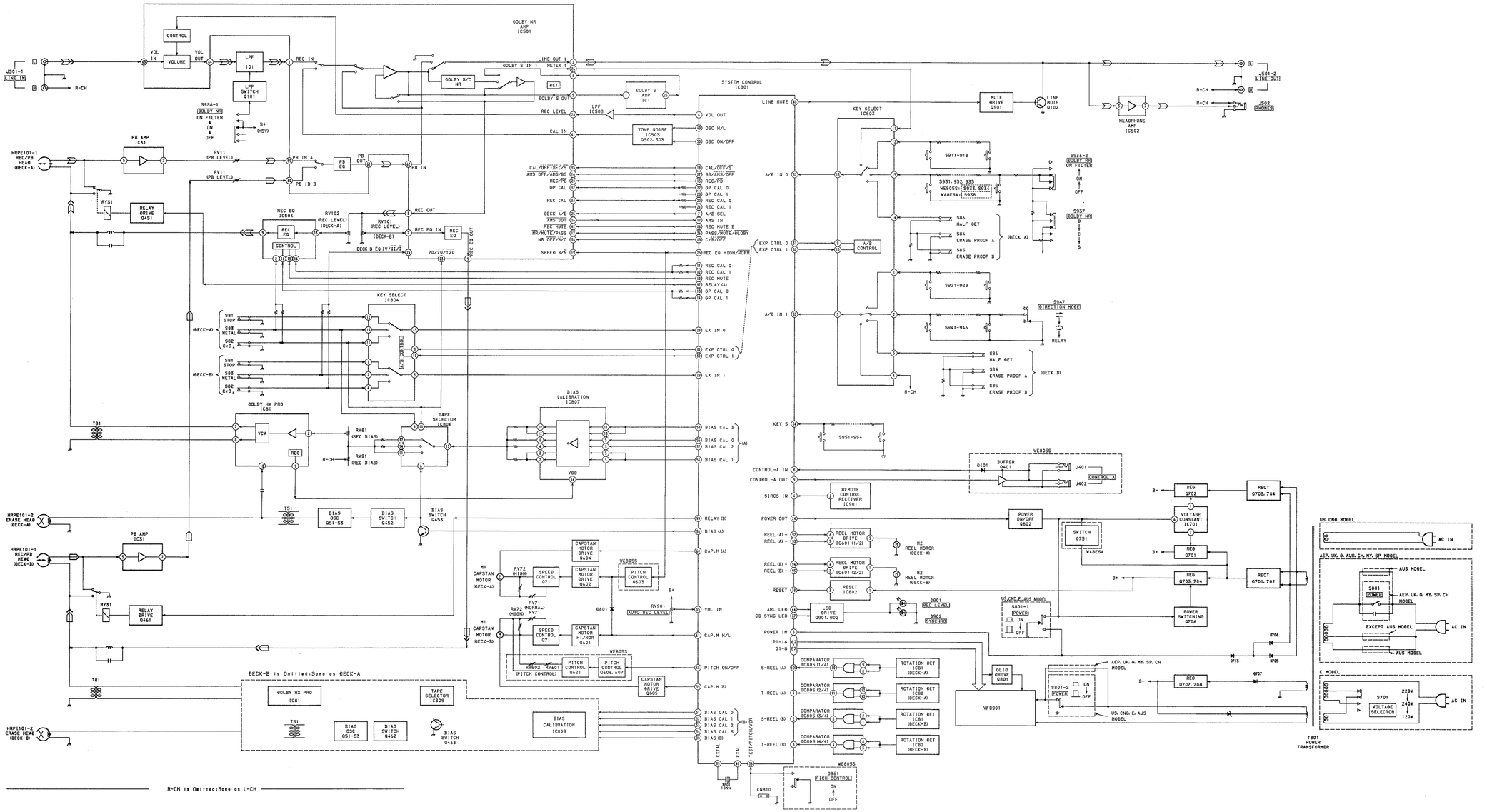
Pin No.	Pin name	I/O	Description
1	T-REEL (A)	I	Take-up reel rotation detection at DECK-A.
2	S-REEL (B)	I	Supply reel rotation detection at DECK-B.
3	T-REEL (B)	I	Take-up reel rotation detection at DECK-B.
4	SIRCS	I	Sircs signal input terminal.
5	POWER IN	I	Power OFF detection terminal.
6	VOL OUT	O	Record level control output. (PWM)
7	A/B SEL	O	Playback A/B selector. L : A, H : B
8	CONTROL-A IN	I	Control A input.
9	CONTROL-A OUT	O	Control A output.
10	REC MUTE (A)	O	Recording mute output (DECK-A). L : Mute ON
11	REC CAL 0 (A)	O	Recording CAL-0 output for auto calibration. (DECK-A)
12	REC CAL 1 (A)	O	Recording CAL-1 output for auto calibration. (DECK-A)
13	GP CAL 0 (A)	O	GEQ CAL-0 output for auto calibration. (DECK-A)
14	GP CAL 1 (A)	O	GEQ CAL-1 output for auto calibration. (DECK-A)
15	REC/PB	O	Dolby NR mode selector. L : Playback
16	REC MUTE (B)	O	Recording mute output (DECK-B). L : Mute ON
17	AMS IN	I	AMS signal input terminal. L : Music present.
18	CAL/OFF/S	O	Audio Selector. H : CAL/Open : NR-OFF, B, C/L : NR-S.
19	C/B/OFF	O	Dolby NR Selector. H : C/Open : B/L : OFF.
20	REC CAL 0 (B)	O	Recording CAL-0 output for auto calibration. (DECK-B)
21	REC CAL 1 (B)	O	Recording CAL-1 output for auto calibration. (DECK-B)
22	GP CAL 0 (B)	O	GEQ CAL-0 output for auto calibration. (DECK-B)
23	GP CAL 1 (B)	O	GEQ CAL-1 output for auto calibration. (DECK-B)
24	POWER OUT	O	Power hold output.
25	RECEQ HIGH NORM	O	REC EQ high/normal select. L : Normal
26	PASS/MUTE/DOLBY	O	Audio selector. L : Dolby/Open : Mute/H : Pass.
27	BS/AMS/OFF	O	AMS amp selector. L : OFF/Open : AMS/H : OFF.
28	EX IN 0	I	Expander control input. (0)
29	EX IN 1	I	Expander control input. (1)
30	EXP CTRL 0	O	Expander control output. (0)
31	EXP CTRL 1	O	Expander control output. (1)
32	A/D IN 0	I	Expander A/D input.(0)
33	A/D IN 1	I	Expander A/D input. (1)
34	KEY 5	I	KEY 5 input. (A/D converter)
35	VOL IN	I	Record volume input. (A/D converter)
36	TEST/PITCH/VER	I	Test mode/pich control/version input.
37	CD SYNC LED	O	CD synchro LED ON/OFF drive. L : ON
38	RESET	I	System reset input terminal.
39	EXTAL	I	System clock oscillator input. (10.0MHz)
40	XTAL	O	System clock oscillator output. (10.0MHz)

Pin No.	Pin name	I/O	Description
41	Vss	–	Ground.
42	TX	–	Not used. (Ground connection)
43	TEX	–	Not used. (Ground connection)
44	ARL LED	O	ARL LED ON/OFF driver. H : ON.
45	PITCH ON/OFF	O	Pitch control ON/OFF output. L : ON.
46	AVREF	I	Reference voltage input for A/D converter.
47	AVss	–	Ground for A/D converter.
48	LINE MUTE	O	Line mute ON/OFF output. L : Mute ON
49	OSC H/L	O	OSC frequency H/L selection for auto calibration.
50	OSC ON/OFF	O	OSC ON/OFF output for auto calibration.
51	BIAS CAL 0 (B)	O	EQ bias CAL-0 output for auto calibration. (DECK-B)
52	BIAS CAL 1 (B)	O	EQ bias CAL-1 output for auto calibration. (DECK-B)
53	BIAS CAL 2 (B)	O	EQ bias CAL-2 output for auto calibration. (DECK-B)
54	BIAS CAL 3 (B)	O	EQ bias CAL-3 output for auto calibration. (DECK-B)
55	BIAS CAL 0 (A)	O	EQ bias CAL-0 output for auto calibration. (DECK-A)
56	BIAS CAL 1 (A)	O	EQ bias CAL-1 output for auto calibration. (DECK-A)
57	BIAS CAL 2 (A)	O	EQ bias CAL-2 output for auto calibration. (DECK-A)
58	BIAS CAL 3 (A)	O	EQ bias CAL-3 output for auto calibration. (DECK-A)
59	CAP. M (B)	O	Capastan motor ON/OFF control at deck-B. H : ON.
60	CAP. M (A)	O	Capastan motor ON/OFF control at deck-A. H : ON.
61	CAP. M H/L	O	Capastan motor high/normal selector. L : High.
62	P16	O	Fluorescent Indicator Tube segment drive.
63	P15	O	
64	P14	O	
65	P13	O	
66	P12	O	
67	P11	O	
68	P10	O	
69	P9	O	
70	P8	O	
71	P7	O	
72	P6	O	
73	P5	O	
74	P4	O	
75	P3	O	
76	P2	O	
77	P1	O	
78	G1	O	Fluorescent Indicator Tube grid drive.
79	G2	O	
80	G3	O	

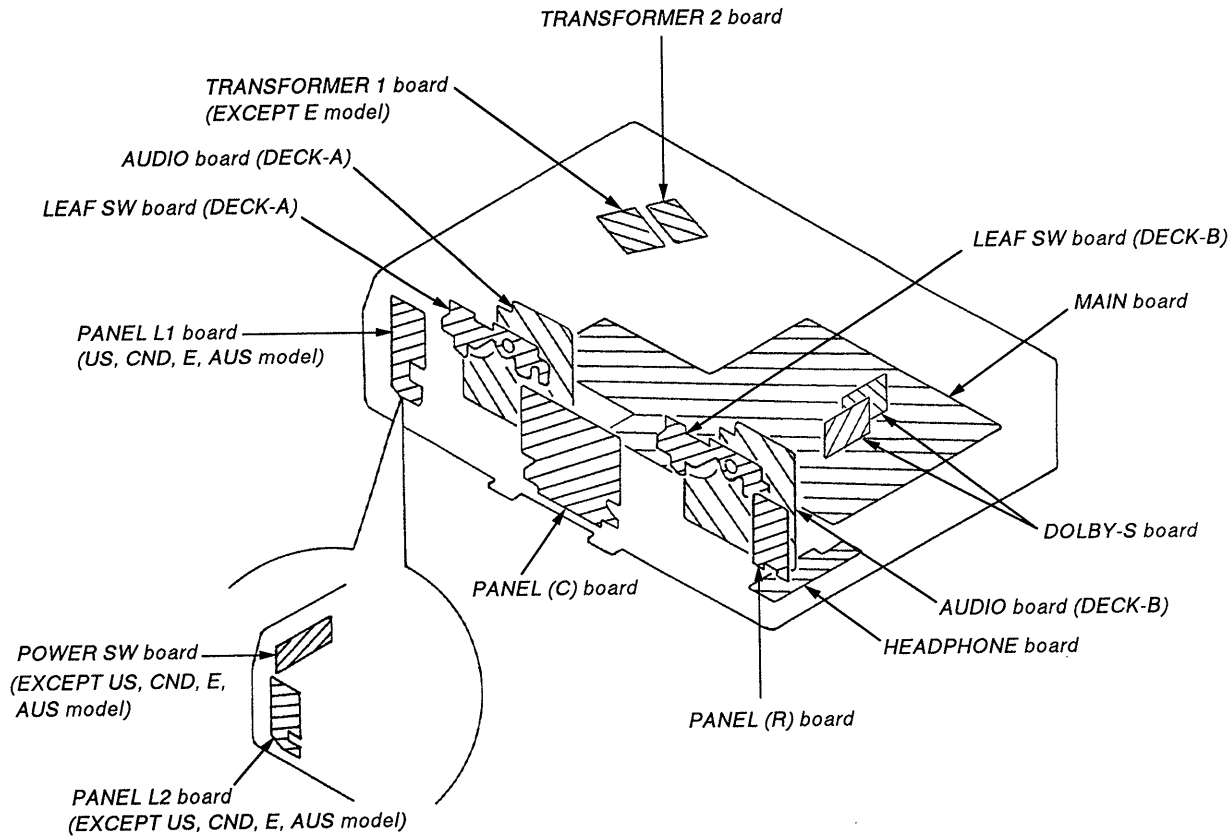
Pin No.	Pin name	I/O	Description
81	G4	O	Fluorescent Indicator Tube grid drive.
82	G5	O	
83	G6	O	
84	G7	O	
85	G8	O	
86	G6, G7	O	
87	G7, G8	O	
88	VFDP	–	Fluorescent Indicator Tube power. (– 28V)
89	V_{DD}	–	Power supply. (+5V)
90	NC	–	Not used. (V_{DD} connection)
91	V_{SS}	–	Ground.
92	REEL A (+)	O	Reel motor (+) output at deck-A.
93	REEL A (–)	O	Reel motor (–) output at deck-A.
94	REEL B (+)	O	Reel motor (+) output at deck-B.
95	REEL B (–)	O	Reel motor (–) output at deck-B.
96	BIAS (A)	O	Bias ON/OFF output at DECK-A. L : OFF, H : ON
97	RELAY (A)	O	Reley record/playback slector at DECK-A. L : Record
98	BIAS (B)	O	Bias ON/OFF output at DECK-B. L : OFF, H : ON
99	RELAY (B)	O	Reley record/playback slector at DECK-B. L : Record
100	S-REEL (A)	I	Supply reel rotation detection at DECK-A.

SECTION 5
DIAGRAMS

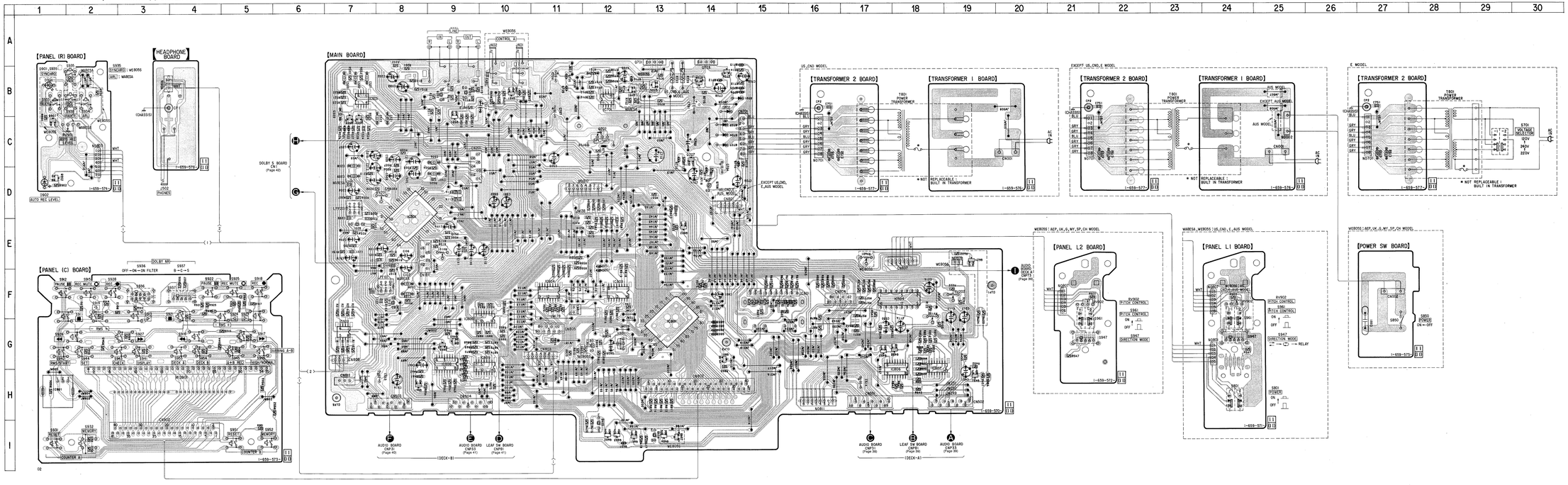
5-1. BLOCK DIAGRAM



• CIRCUIT BOARDS LOCATION



5-2. PRINTED WIRING BOARDS (MAIN SECTION) (FORMER TYPE)



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— 20 —

— 21 —

— 22 —

● SEMICONDUCTOR LOCATION

Ref. No.	Location	Ref. No.	Location
D151	E - 12	IC901	H - 1
D251	F - 12		
D401	B - 10		
D521	C - 7	Q101	F - 8
D522	C - 7	Q102	B - 9
		Q201	E - 7
D601	I - 12	Q202	B - 9
D701	B - 15	Q401	B - 10
D702	B - 14		
D703	C - 14	Q451	H - 19
D704	C - 14	Q452	G - 17
		Q453	G - 18
D705	B - 15	Q461	H - 8
D706	B - 15	Q462	G - 9
D707	C - 14		
D708	B - 11	Q463	G - 9
D709	B - 11	Q501	C - 8
		Q502	C - 7
D710	B - 12	Q503	C - 7
D711	C - 12	Q601	I - 12
D712	B - 14		
D713	A - 15	Q602	I - 12
D714	D - 14	Q603	I - 12
		Q604	I - 13
D715	C - 13	Q605	I - 12
D716	C - 14	Q606	I - 13
D801	G - 14		
D802	G - 14	Q607	I - 13
D803	G - 14	Q621	E - 19
		Q701	B - 13
D804	G - 14	Q702	C - 12
D901	B - 1	Q703	A - 14
D902	D - 1		
		Q704	B - 14
		Q705	B - 13
IC501	D - 8	Q706	B - 14
IC502	G - 7	Q707	C - 14
IC503	B - 7	Q708	D - 14
IC504	F - 16		
IC601	F - 15	Q751	B - 12
		Q801	G - 14
IC701	B - 12	Q802	E - 13
IC801	G - 13	Q901	C - 1
IC802	G - 12	Q902	D - 1
IC803	F - 12		
IC804	F - 11		
IC805	F - 10		
IC806	G - 18		
IC807	G - 18		
IC808	G - 9		
IC809	G - 10		

Note:

- ○—— : parts extracted from the component side.
- ▒▒▒ : Pattern on the side which is seen.
- Abbreviation
  CND : Canadian
  G : German
  AUS : Australian
  CH : Chinese
  SP : Singapore
  MY : Malaysia

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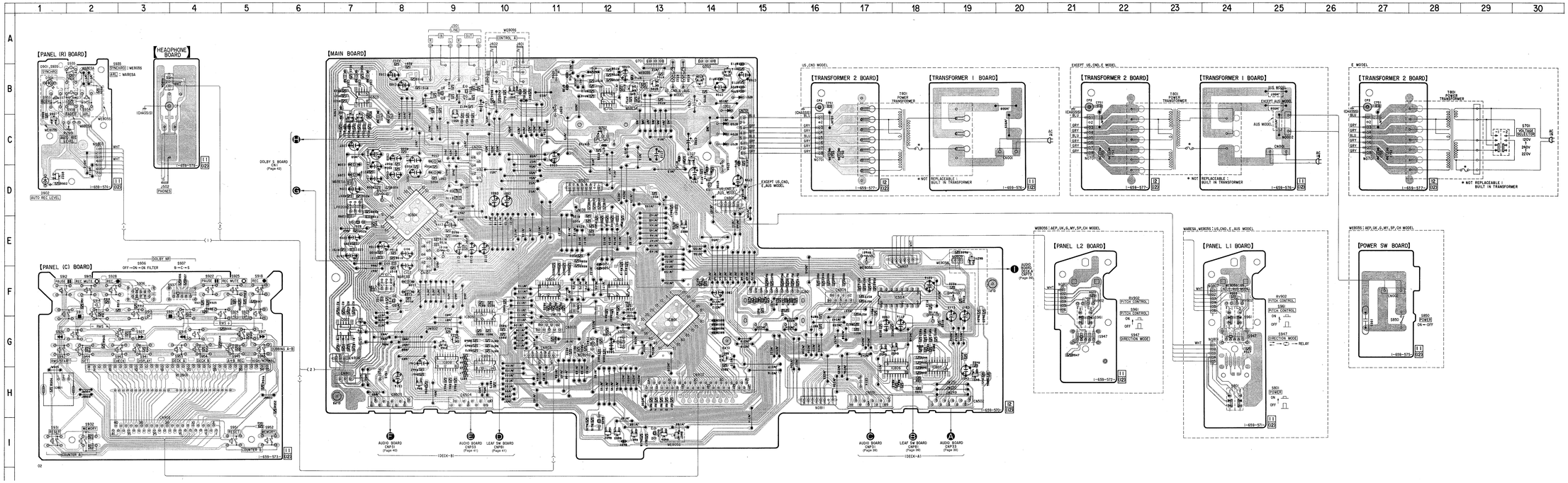
● SEMICONDUCTOR LOCATION

Ref. No.	Location	Ref. No.	Location
D151	E-12	IC901	H-1
D251	F-12		
D401	B-10		
D521	C-7	Q101	F-8
D522	C-7	Q102	B-9
		Q201	E-7
D601	I-12	Q202	B-9
D701	B-15	Q401	B-10
D702	B-14		
D703	C-14	Q451	H-19
D704	C-14	Q452	G-17
		Q453	G-18
D705	B-15	Q461	H-8
D706	B-15	Q462	G-9
D707	C-14		
D708	B-11	Q463	G-9
D709	B-11	Q501	C-9
		Q502	C-7
D710	B-12	Q503	C-7
D711	C-12	Q601	I-12
D712	B-14		
D713	A-15	Q602	I-12
D714	D-14	Q603	I-12
		Q604	I-13
D715	C-13	Q605	I-12
D716	C-14	Q606	I-13
D801	G-14		
D802	G-14	Q607	I-13
D803	G-14	Q621	E-19
		Q701	B-13
D804	G-14	Q702	C-12
D901	B-1	Q703	A-14
D902	D-1		
		Q704	B-14
		Q705	B-13
IC501	D-8	Q706	B-14
IC502	G-7	Q707	C-14
IC503	B-7	Q708	D-14
IC504	F-18		
IC601	F-15	Q751	B-12
		Q801	G-14
IC701	B-12	Q802	E-13
IC801	G-13	Q901	C-1
IC802	G-12	Q902	D-1
IC803	F-12		
IC804	F-11		
IC805	F-10		
IC808	G-18		
IC807	G-18		
IC808	G-9		
IC809	G-10		

Note:

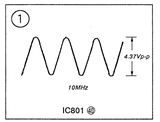
- ○— : parts extracted from the component side.
- ▒▒ : Pattern on the side which is seen.
- Abbreviation
  - CND : Canadian
  - G : German
  - AUS : Australian
  - CH : Chinese
  - SP : Singapore
  - MY : Malaysia

5-3. PRINTED WIRING BOARDS (MAIN SECTION) (NEW TYPE)



5-4. SCHEMATIC DIAGRAM (MAIN SECTION)

● WAVEFORM – MAIN SECTION –



Note :

- All capacitors are in μ F unless otherwise noted. pF: μ μ F
  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼W or less unless otherwise specified.
- △ : internal component.
- : fusible resistor.

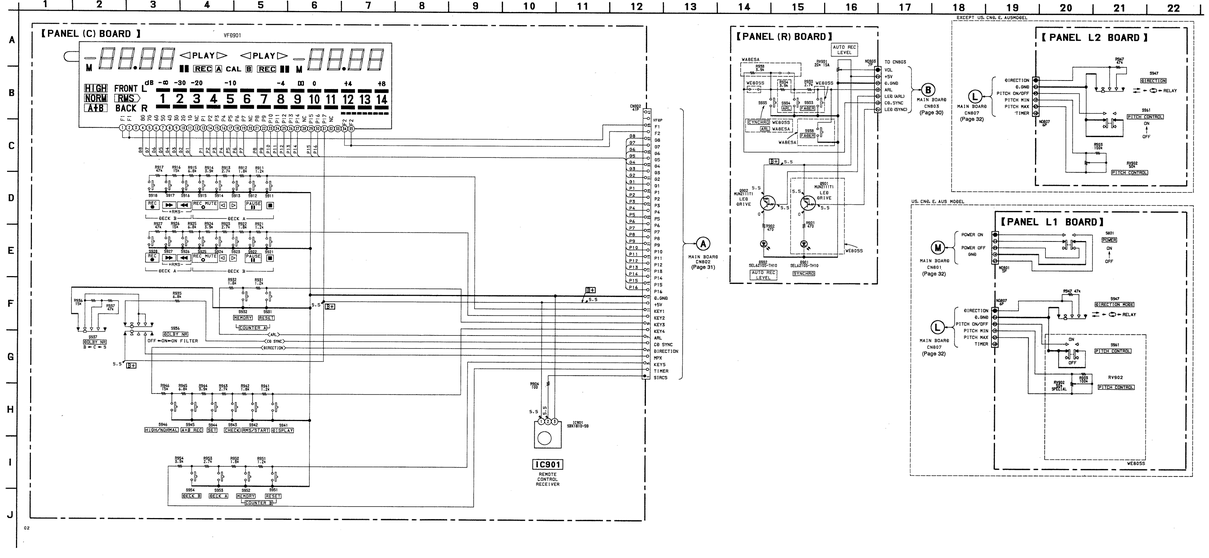
Note : The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Note : Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- B+ : B+ Line
- B — : B – Line
- : adjustment for repair.

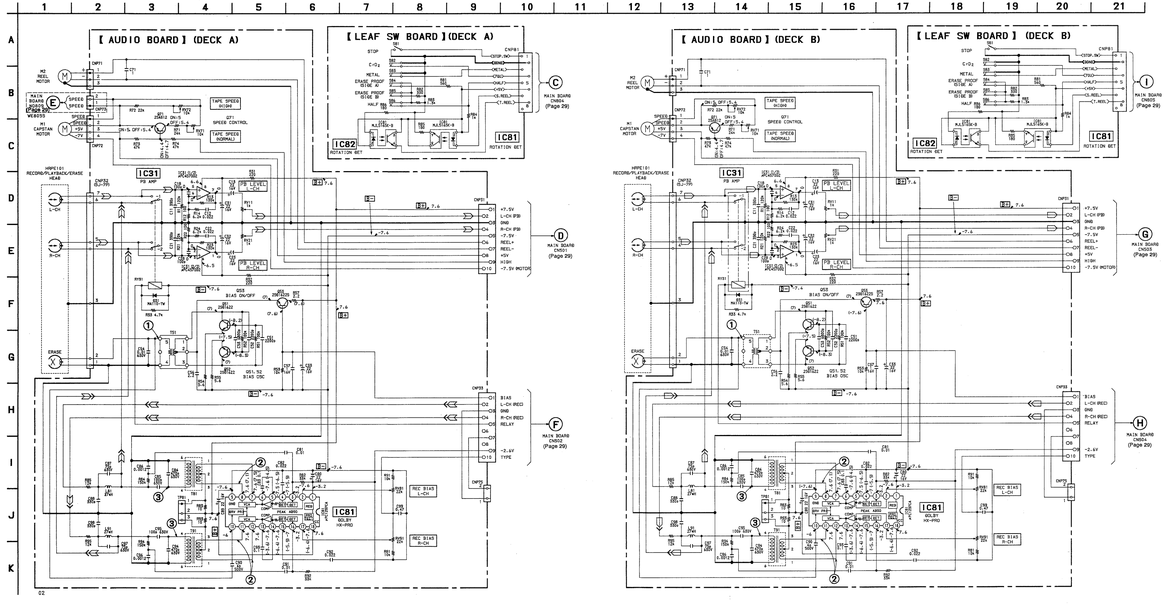
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
  no mark : STOP
  ( ) : REC
- Voltages are taken with a VOM (Input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.

- Signal path.
  : PB (DECK-A)
  : REC (DECK-A)
  : PB (DECK-B)
  : REC (DECK-B)
- Abbreviation
  CND : Canadian
  G : German
  AUS : Australian
  CH : Chinese
  SP : Singapore
  MY : Malaysia

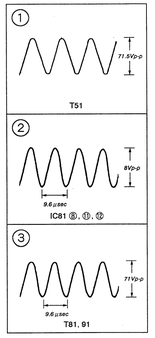
5-5. SCHEMATIC DIAGRAM (PANEL SECTION)



5-6. SCHEMATIC DIAGRAM (AUDIO SECTION)



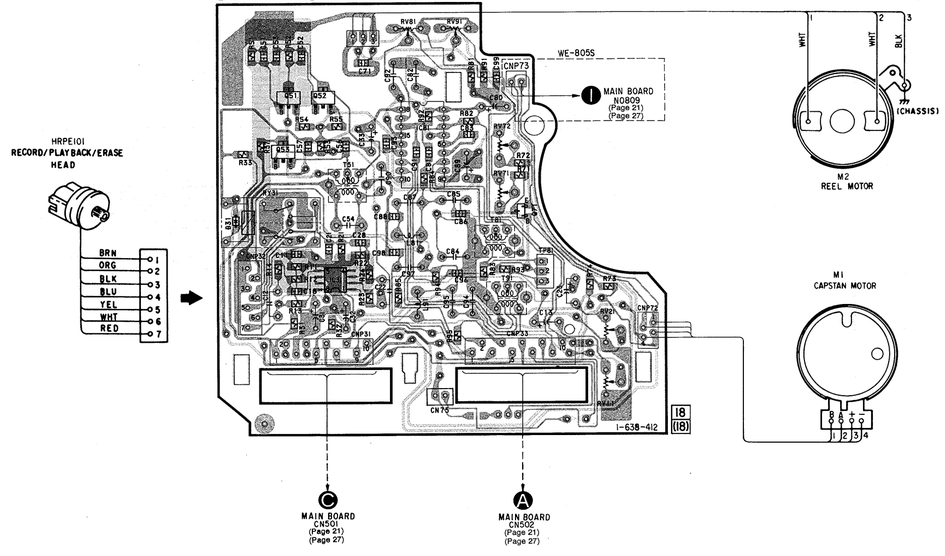
● WAVEFORMS – AUDIO SECTION –



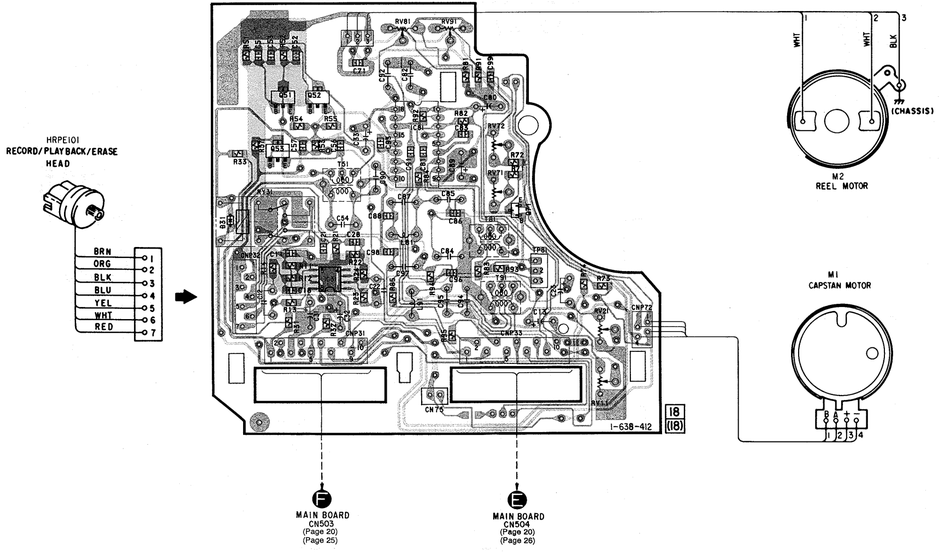
Note :

- All capacitors are in μ F unless otherwise noted. pF: μ μ F 50WV or less are not indicated except for electrolytics and tantaliums.
- All resistors are in Ω and ¼W or less unless otherwise specified.
- B+ : B+ Line
- B– : B – Line
- : adjustment for repair.
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
  no mark : STOP
  ( ) : REC
- Voltages are taken with a VOM (Input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  : PB (DECK-A)
  : REC (DECK-A)
  : PB (DECK-B)
  : REC (DECK-B)

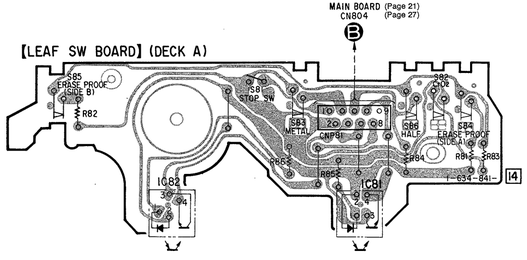
【AUDIO BOARD】(DECK-A)



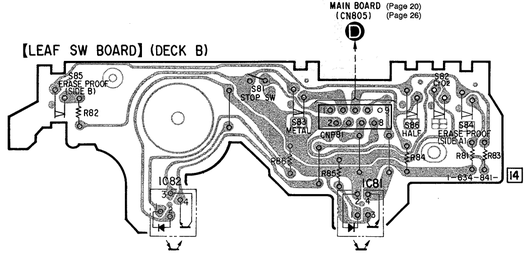
【AUDIO BOARD】(DECK-B)



【LEAF SW BOARD】(DECK A)



【LEAF SW BOARD】(DECK B)



02

● SEMICONDUCTOR LOCATION

(DECK-A)

Ref. No.	Location
D31	C - 3
IC31	D - 4
IC81 (AUDIO)	B - 4
IC81 (LEAF SW)	H - 6
IC82 (LEAF SW)	H - 4
Q51	B - 3
Q52	B - 3
Q53	C - 3
Q71	C - 5

(DECK-B)

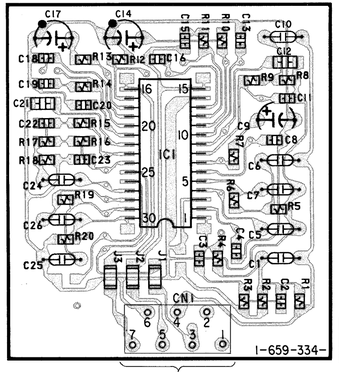
Ref. No.	Location
D31	C - 11
IC31	D - 11
IC81 (AUDIO)	B - 12
IC81 (LEAF SW)	H - 12
IC82 (LEAF SW)	H - 13
Q51	B - 11
Q52	B - 11
Q53	C - 11
Q71	C - 13

Note:

- O— : parts extracted from the component side.
- O : Through hole.
- ▒▒ : Pattern on the side which is seen.
- ▒▒ : Pattern of the rear side.

5-8. PRINTED WIRING BOARDS (DOLBY SECTION)

【DOLBY S BOARD】



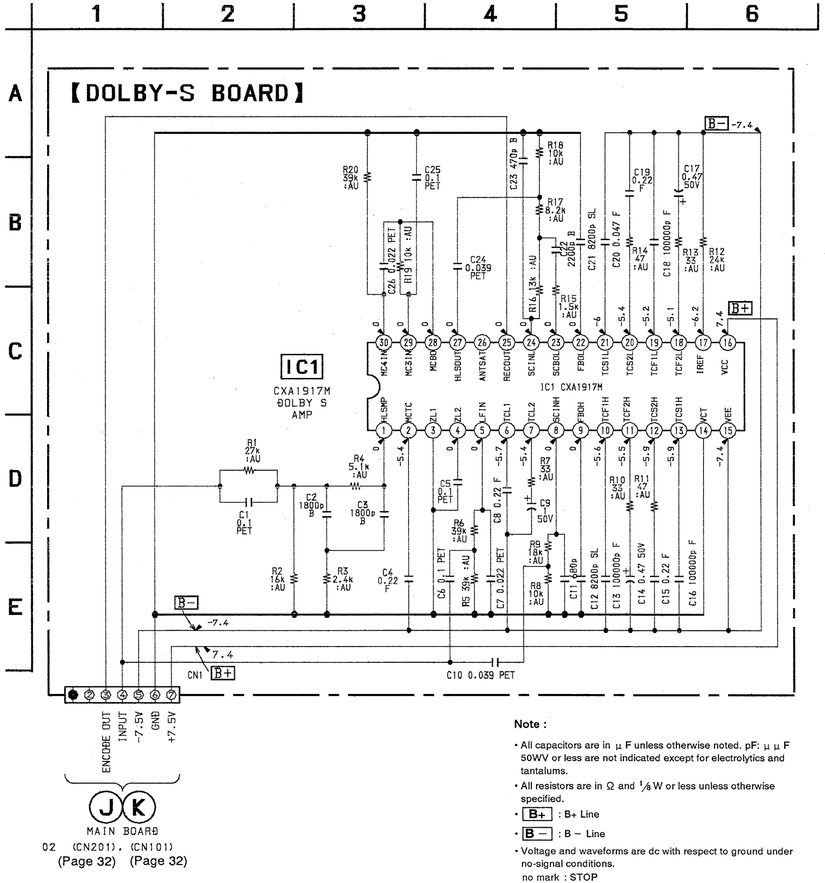
12
(12)

(Page 19) G , H (Page 19)
(Page 25) (Page 25)
MAIN BOARD
CN101 , 201

Note:

- ○— : parts extracted from the component side.
- ▒▒▒ : Pattern on the side which is seen.

5-9. SCHEMATIC DIAGRAM (DOLBY SECTION)



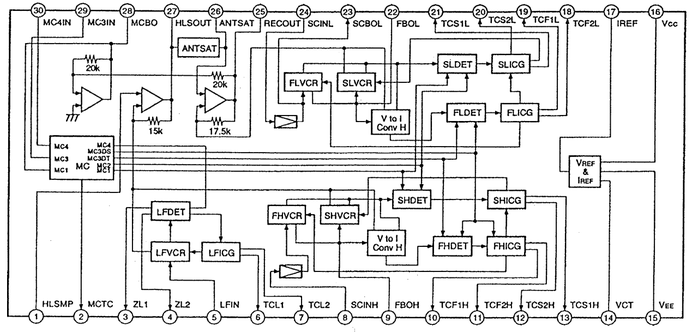
J K
MAIN BOARD
02 (CN201), (CN101)
(Page 32) (Page 32)

Note :

- All capacitors are in μ F unless otherwise noted. pF: μ μ F 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/6 W or less unless otherwise specified.
- B+ : B+ Line
- B − : B − Line
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
  no mark : STOP
- Voltages are taken with a VOM (Input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
- Voltage variations may be noted due to normal production tolerances.

● IC BLOCK DIAGRAM

IC1 CXA1917M-T6



SECTION 6
EXPLODED VIEWS

NOTE :

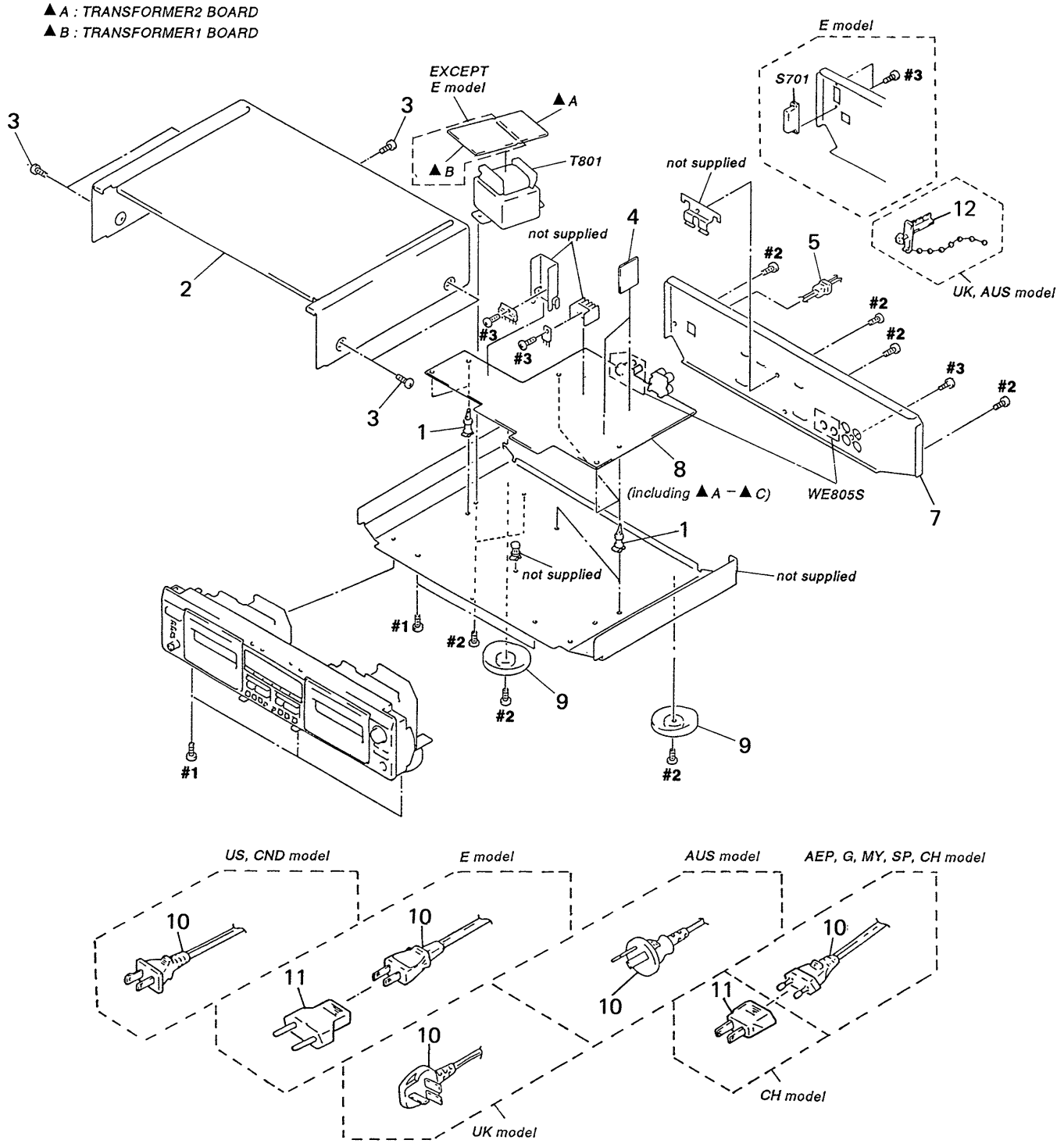
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked " * "are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.
- Abbreviation

CND	: Canadian	AUS	: Australian
CH	: Chinese	MY	: Malaysia
SP	: Singapore	G	: German

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

6-1. CHASSIS SECTION

▲A : TRANSFORMER2 BOARD
▲B : TRANSFORMER1 BOARD

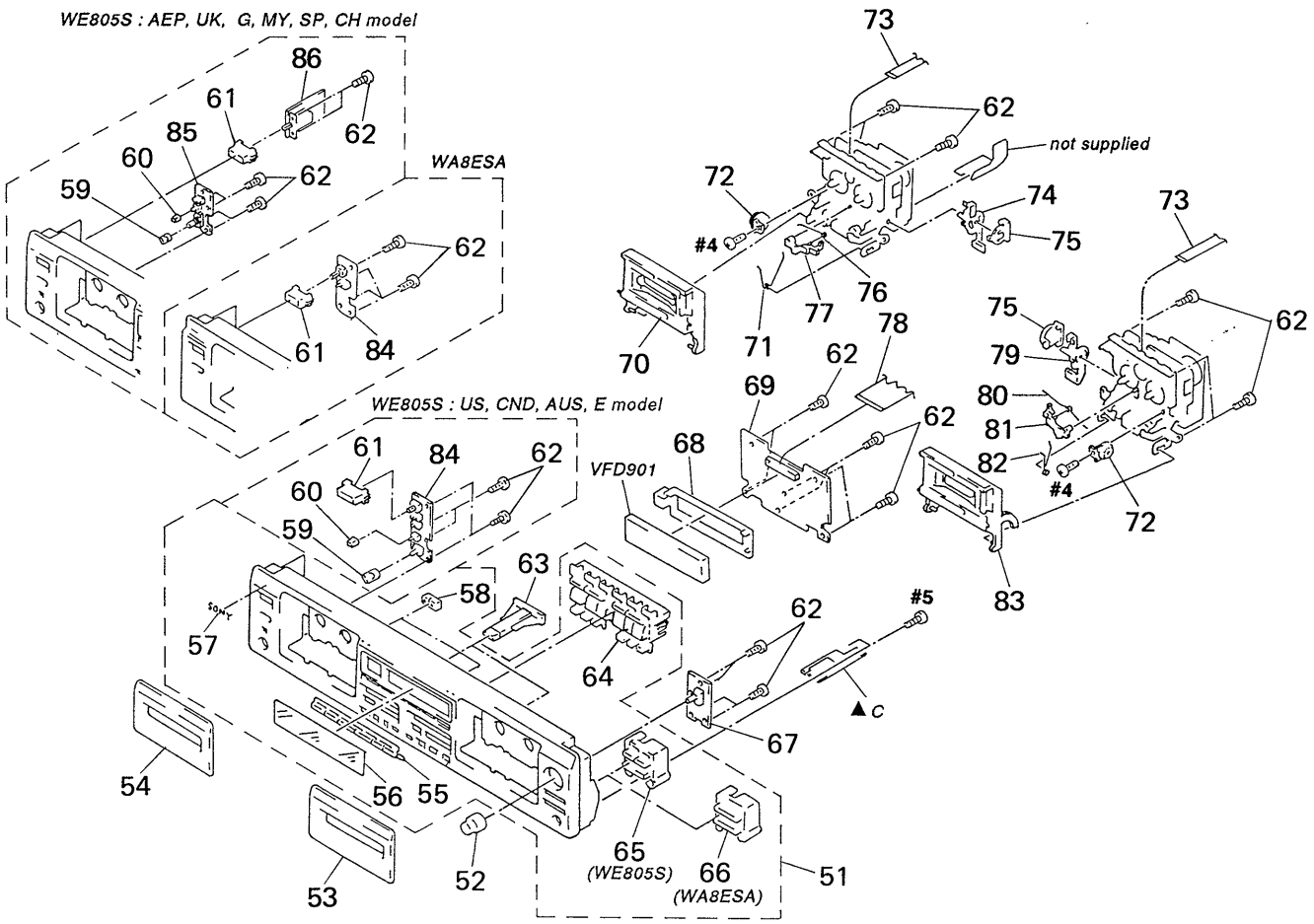


Ref. No.	Part No.	Description	Remark
* 1	3-346-265-31	HOLDER, PC BOARD	
* 2	3-931-432-01	CASE (410726)	
3	3-704-366-01	SCREW (CASE) (M3X8)	
* 4	A-2007-481-A	DOLBY-S BOARD, COMPLETE	
* 5	3-703-244-00	BUSHING (2104), CORD (EXCEPT US,CND,E)	
5	3-703-571-11	BUSHING (S) (4516), CORD (US,CND,E)	
* 7	3-931-247-01	PANEL, BACK (WE805S:US)	
* 7	3-931-247-11	PANEL, BACK (WE805S:CND)	
* 7	3-931-247-21	PANEL, BACK (WE805S:AEP,G,MY,SP,CH)	
* 7	3-931-247-31	PANEL, BACK (WE805S:UK)	
* 7	3-931-247-41	PANEL, BACK (WE805S:E)	
* 7	3-931-247-51	PANEL, BACK (WE805S:AUS)	
* 7	3-932-543-21	PANEL, BACK (WA8ESA)	
* 8	A-2007-496-A	MAIN BOARD, COMPLETE (WE805S:US,CND,E, AUS)	
* 8	A-2007-512-A	MAIN BOARD COMPLETE (WA8ESA)	
* 8	A-2007-559-A	MAIN BOARD, COMPLETE (WE805S:AEP,UK,G, MY,SP,CH)	

Ref. No.	Part No.	Description	Remark
9	X-4947-208-1	FOOT ASSY (F50150S) (US,CND)	
9	X-4947-207-1	FOOT ASSY (F50150S) (EXCEPT US,CND)	
⚠ 10	1-551-188-XX	CORD, POWER (E)	
⚠ 10	1-558-945-21	CORD, POWER (POLAR.SPT-1) (US,CND)	
⚠ 10	1-575-651-21	CORD, POWER (AEP,G,MY,SP,CH)	
⚠ 10	1-696-586-11	CORD, POWER (UK)	
⚠ 10	1-696-845-11	CORD, POWER (AUS)	
⚠ 10	1-751-523-11	CORD, POWER (UK)	
⚠ 11	1-569-007-11	ADAPTER, CONVERSION 2P (E)	
⚠ 11	1-569-008-21	ADAPTER, CONVERSION 2P (CH)	
12	4-956-370-12	BAND, PLUG FIXED (UK,AUS)	
⚠ S701	1-692-155-11	VOLTAGE SELECTOR(VOLTAGE SELECTOR) (E)	
⚠ T801	1-427-782-11	TRANSFORMER, POWER (US,CND)	
⚠ T801	1-427-783-11	TRANSFORMER, POWER (EXCEPT US,CND,E)	
⚠ T801	1-427-784-11	TRANSFORMER, POWER (E)	

6-2. FRONT PANEL SECTION

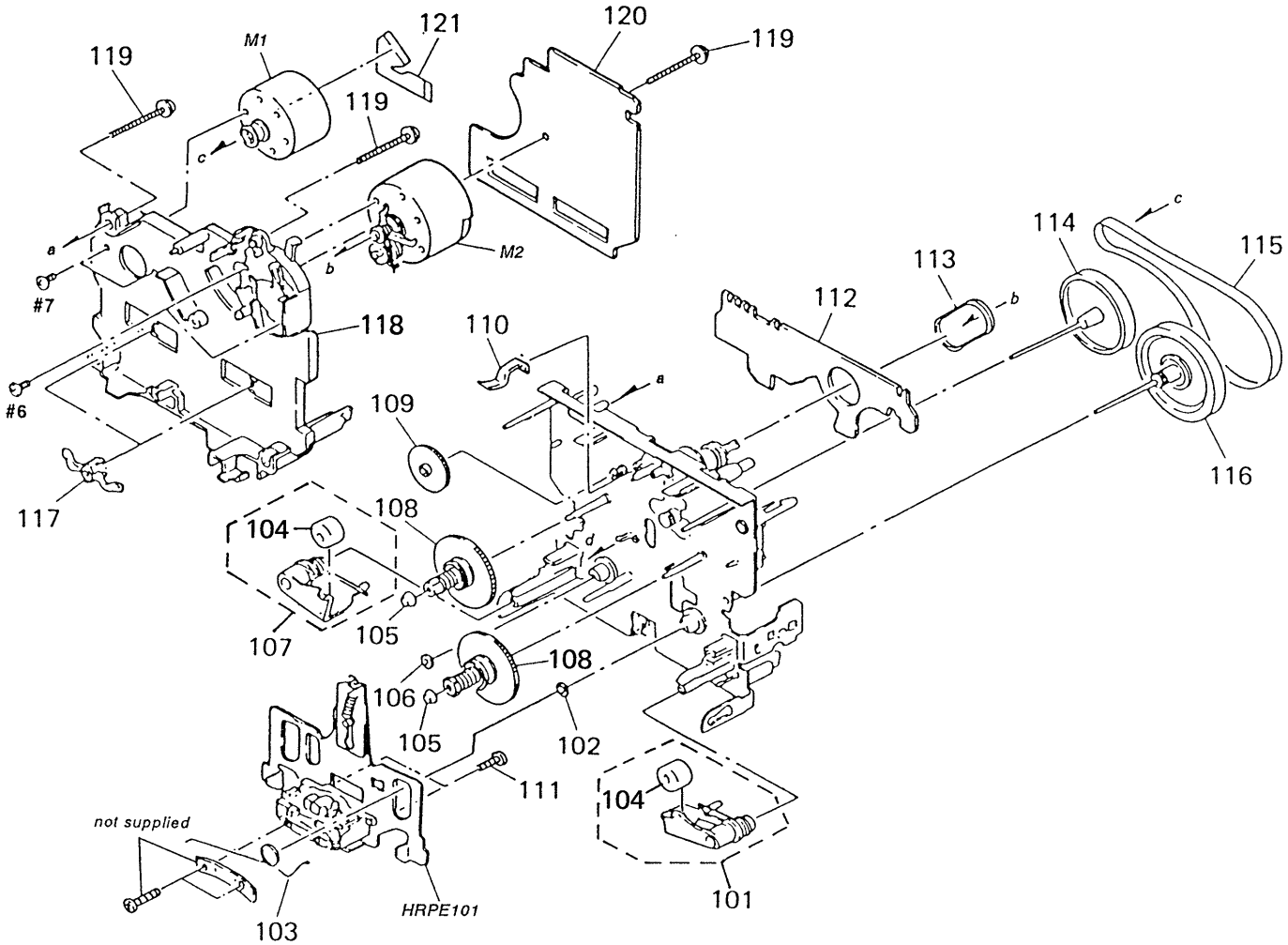
▲C : HEADPHONE BOARD



Ref. No.	Part No.	Description	Remark
51	X-3371-362-1	PANEL ASSY, FRONT (WE805S:US,CND)	
51	X-3371-364-1	PANEL ASSY, FRONT (WE805S:AEP,UK,G,E,AUS, MY,SP,CH)	
51	X-3371-569-1	PANEL (ES) ASSY, FRONT (WA8ESA:US)	
51	X-3371-570-1	PANEL (ES) ASSY, FRONT (WA8ESA:CND)	
52	3-931-430-11	KNOB (REC)	
53	X-3371-367-1	LID (HF) ASSY (B), CASSETTE (WE805S)	
53	X-3371-572-1	LID (ES) ASSY (B), CASSETTE (WA8ESA)	
54	X-3371-366-1	LID (HF) ASSY (A), CASSETTE (WE805S)	
54	X-3371-571-1	LID (ES) ASSY (A), CASSETTE (WA8ESA)	
55	3-931-238-01	BUTTON (RMS-8)	
56	3-931-248-11	WINDOW (M) (EXCEPT CND)	
56	3-931-248-21	WINDOW (M) (CND)	
57	4-963-404-21	EMBLEM (5-A), SONY	
58	3-931-243-01	BUTTON (COUNTER)	
59	3-931-378-01	KNOB (F10) (WE805S)	
60	3-380-952-21	BUTTON (WE805S)	
61	3-931-429-01	BUTTON (POWER) (WE805S)	
61	4-922-921-31	BUTTON (POWER) (WA8ESA)	
62	4-951-620-01	SCREW (2.6X8), +BVTP	
63	3-937-375-01	BUTTON (EJ) (WA8ESA)	
63	3-931-427-11	BUTTON (EJ) (WE805S)	
64	3-931-240-01	BUTTON (WR)	
65	X-3371-370-1	BUTTON (SYNCHRO) ASSY (WE805S)	
66	3-931-242-01	BUTTON (ARL) (WA8ESA)	
* 67	A-2007-512-A	PANEL (R) BOARD, COMPLETE (WA8ESA)	
* 67	A-2007-499-A	PANEL (R) BOARD (WE805S)	
* 68	3-377-337-11	HOLDER (FL)	
* 69	A-2007-498-A	PANEL (C) BOARD, COMPLETE (WE805S)	
* 69	A-2007-512-A	PANEL (C) BOARD,COMPLETE (WA8ESA)	
70	X-4945-947-1	HOLDER (L) ASSY, CASSETTE	
71	4-959-231-11	SPRING (L), TORSION	
72	3-354-963-01	DAMPER	
73	1-769-916-11	WIRE (FLAT TYPE) (9 CORE)	
* 74	3-354-953-01	LEVER (LOCK LEVER L)	
75	3-354-957-01	JOINT (LOCK LEVER)	
76	3-354-961-01	SPRING (EJ SAFTY SPRING L)	
77	3-354-955-01	LEVER (EJ SAFTY LEVER L)	
78	1-769-598-11	WIRE (FLAT TYPE) (41 CORE)	
* 79	3-354-954-01	LEVER (LOCK LEVER R)	
80	3-354-962-01	SPRING (EJ SAFTY SPRING R)	
81	3-354-956-01	LEVER (EJ SAFTY LEVER R)	
82	4-959-232-11	SPRING (R), TORSION	
83	X-4945-946-1	HOLDER (R) ASSY, CASSETTE	
* 84	A-2007-512-A	PANEL L1 BOARD, COMPLETE (WA8ESA)	
* 84	A-2007-497-A	PANEL L1 BOARD, COMPLETE (WE805S:US, CND,E,AUS)	
* 85	1-659-572-11	PANEL L2 BOARD (WE805S:AEP,UK,G,MY,SP, CH)	
* 86	1-659-575-11	POWER SW BOARD (WE805S:AEP,UK,G, MY,SP,CH)	
VFD901	1-517-263-11	INDICATOR TUBE, FLUORESCENT	

6-3. MECHANISM SECTION 1

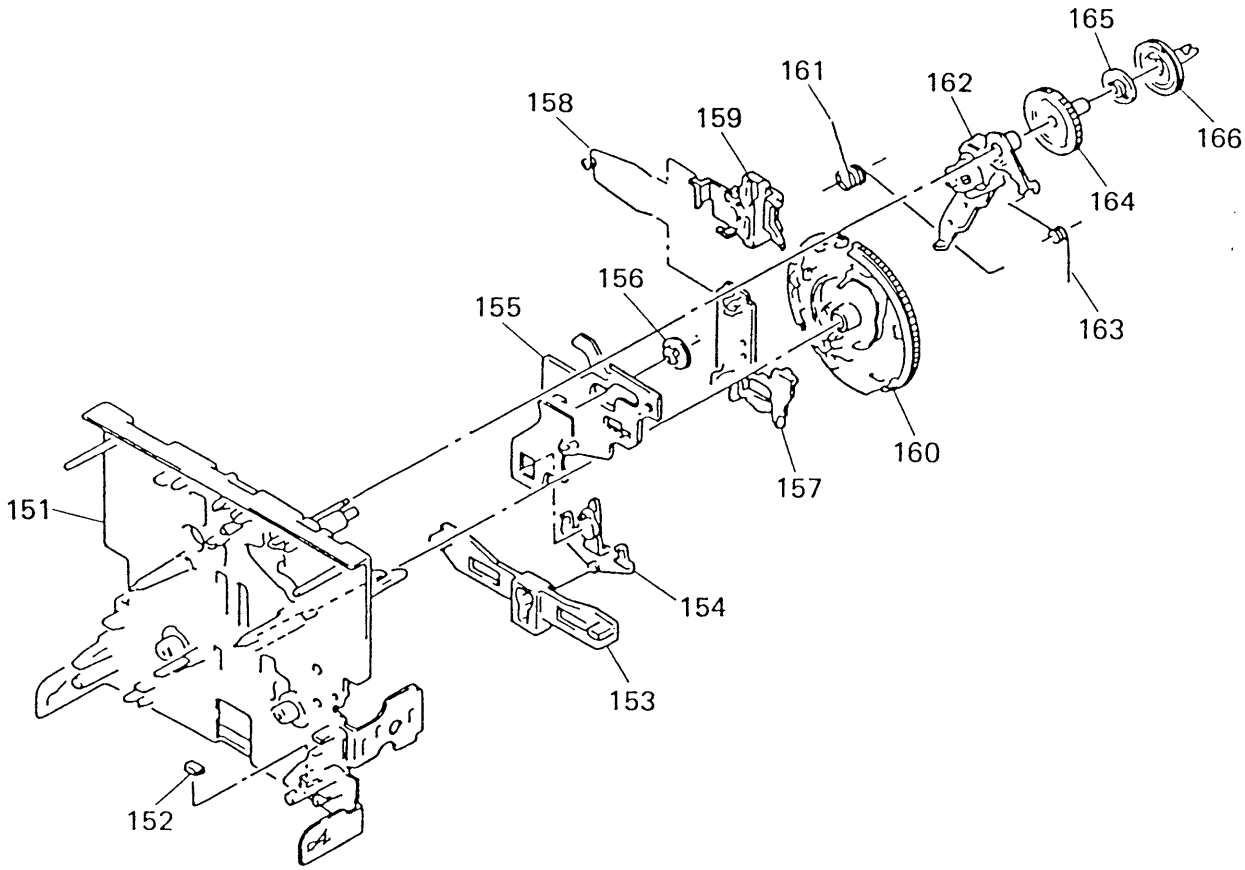
DECK-A : TCM-190RB11C (TC-WA8ESA)
TCM-190RB13C (TC-WE805S)
DECK-B : TCM-190RB11C



Ref. No.	Part No.	Description	Remark
101	X-3366-047-1	LEVER (PINCH F) ASSY	
102	3-356-713-01	WASHER	
103	3-907-362-01	SPRING, TORSION	
104	3-355-808-02	PINCH ROLLER	
105	3-362-308-01	CAP (REEL)	
106	3-356-714-01	WASHER	
107	X-3366-048-1	LEVER (PINCH R) ASSY	
108	X-3366-971-1	TABLE ASSY (B), REEL	
109	3-359-424-01	GEAR (REV GEAR)	
110	3-359-430-01	SPRING(CASSETTE RETAINER),LEAF	
111	3-388-848-01	SCREW (P2X6) (B TIGHT)	
* 112	1-634-841-14	LEAF SW BOARD	
113	3-359-466-01	BELT (FR), SQUARE	
114	X-3367-630-1	FLYWHEEL (REV) ASSY	
115	3-359-417-01	BELT (FLAT), CAPSTAN	
116	X-3367-629-1	FLYWHEEL (FWD) ASSY	
117	3-575-321-00	RETAINER, THRUST, CAPSTAN	
118	3-359-436-11	BASE (THRUST RETAINER),FITTING	
119	3-359-414-01	SCREW (+PTPWH 2X23)	
* 120	A-2007-040-A	AUDIO BOARD, COMPLETE (WA8ESA)	
* 120	A-2007-509-A	AUDIO BOARD, COMPLETE (WE805S)	
121	1-638-983-11	MOTOR FLEXIBLE BOARD	
HRPE101	A-2004-527-A	DECK ASSY, HEAD (RECORD/PLAYBACK/ERASE)	
M1	X-3365-377-2	MOTOR ASSY (CAPSTAN)	
M2	X-3363-501-2	MOTOR ASSY (REEL)	

6-4. MECHANISM SECTION 2

DECK-A : TCM-190RB11C (TC-WA8ESA)
TCM-190RB13C (TC-WE805S)
DECK-B : TCM-190RB11C



Ref. No.	Part No.	Description	Remark
151	X-3359-415-1	CHASSIS ASSY MECHANICAL	
152	3-359-469-01	SPACER	
153	3-359-425-01	SLIDER (REVERSE SLIDER)	
154	3-359-426-01	LEVER (REVERSE LEVER)	
* 155	3-359-415-01	SLIDER (TRIGGER SLIDER)	
156	3-359-448-01	GEAR (TRIGGER)	
157	3-359-427-01	SLIDER (LEVERSE SLIDER)	
158	3-359-454-01	SPRING, TORSION	

Ref. No.	Part No.	Description	Remark
159	3-359-429-01	SLIDER (BRAKE PLATE)	
160	3-936-483-01	GEAR (CAM GEAR)	
161	3-359-456-01	SPRING(TRIGGER SPRING),TORSION	
162	X-3366-569-1	ARM ASSY, FR	
163	3-924-185-11	SPRING (FR ARM), TORSION	
164	3-359-419-11	GEAR (FR GEAR)	
165	3-359-421-01	CLUTCH (REEL DISK)	
166	3-359-418-01	PULLEY (FR PULLEY)	

AUDIO

SECTION 3
ELECTRICAL PARTS LIST

NOTE :

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms
  METAL : Metal-film resistor
  METAL OXIDE :Metal oxide-film resistor
  F : nonflammable
- Items marked " * "are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- SEMICONDUCTORS
  In each case, u : μ , for example :
  uA.... : μ A.... , uPA.... : μ PA....
  uPB.... : μ PB.... , uPC.... : μ PC....
  uPD.... : μ PD....
- CAPACITORS
  uF : μ F
- COILS
  uH : μ H
- Abbreviation
  CND : Canadian AUS : Australian
  CH : Chinese MY : Malaysia
  SP : Singapore G : German

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description			Remark
*	A-2007-040-A	AUDIO BOARD, COMPLETE (WA8ESA)			
*	A-2007-509-A	AUDIO BOARD, COMPLETE (WE805S)			
		**********			
		< CAPACITOR >			
C11	1-163-131-00	CERAMIC CHIP	390PF	5%	50V
C12	1-136-157-00	FILM	0.022uF	5%	50V
C13	1-124-234-00	ELECT	22uF	20%	16V
C18	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C21	1-163-131-00	CERAMIC CHIP	390PF	5%	50V
C22	1-136-157-00	FILM	0.022uF	5%	50V
C23	1-124-234-00	ELECT	22uF	20%	16V
C28	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C31	1-124-234-00	ELECT	22uF	20%	16V
C32	1-124-234-00	ELECT	22uF	20%	16V
C33	1-124-234-00	ELECT	22uF	20%	16V
C51	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C52	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C53	1-163-019-00	CERAMIC CHIP	0.0068uF	10%	50V
C54	1-136-601-11	FILM	0.01uF	5%	630V
C56	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C57	1-164-346-11	CERAMIC CHIP	1uF		16V
C71	1-164-346-11	CERAMIC CHIP	1uF		16V
C80	1-124-234-00	ELECT	22uF	20%	16V
C81	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C82	1-136-157-00	FILM	0.022uF	5%	50V
C83	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C84	1-136-478-11	FILM	470PF	5%	630V
C85	1-136-433-11	FILM	100PF	5%	630V
C86	1-163-143-00	CERAMIC CHIP	0.0012uF	5%	50V
C87	1-136-273-91	FILM	75PF	5%	630V
C88	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C89	1-124-234-00	ELECT	22uF	20%	16V
C90	1-107-584-11	CERAMIC	4PF	0.25PF	500V
C91	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C92	1-136-157-00	FILM	0.022uF	5%	50V
C93	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C94	1-136-478-11	FILM	470PF	5%	630V

Ref. No.	Part No.	Description			Remark
C95	1-136-433-11	FILM	100PF	5%	630V
C96	1-163-143-00	CERAMIC CHIP	0.0012uF	5%	50V
C97	1-136-273-91	FILM	75PF	5%	630V
C98	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C99	1-164-005-11	CERAMIC CHIP	0.47uF		25V
		< CONNECTOR >			
* CNP31	1-580-782-11	CONNECTOR, BOARD TO BOARD			
* CNP32	1-580-781-11	PIN, CONNECTOR (PC BOARD) 7P			
* CNP33	1-580-782-11	CONNECTOR, BOARD TO BOARD			
* CNP71	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P			
CNP72	1-764-902-11	CONNECTOR, FFC/FPC 4P			
* CNP73	1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P (DECK A) (WE805S)			
* CNP75	1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P			
		< DIODE >			
D31	8-719-404-46	DIODE MA110			
		< IC >			
IC31	8-759-106-02	IC uPC4570G2			
IC81	8-759-106-56	IC uPC1297CA			
		< COIL >			
L81	1-410-780-11	INDUCTOR	27mH		
L91	1-410-780-11	INDUCTOR	27mH		
		< TRANSISTOR >			
Q51	8-729-808-01	TRANSISTOR	2SD1622-S		
Q52	8-729-808-01	TRANSISTOR	2SD1622-S		
Q53	8-729-808-01	TRANSISTOR	2SD1622-S		
Q71	8-729-216-22	TRANSISTOR	2SA1162-G		
		< RESISTOR >			
R11	1-216-099-00	METAL CHIP	120K	5%	1/10W
R12	1-216-025-91	METAL GLAZE	100	5%	1/10W
R13	1-216-100-00	METAL GLAZE	130K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R14	1-216-068-00	METAL CHIP	6.2K	5%	1/10W
R21	1-216-099-00	METAL CHIP	120K	5%	1/10W
R22	1-216-025-91	METAL GLAZE	100	5%	1/10W
R23	1-216-100-00	METAL GLAZE	130K	5%	1/10W
R24	1-216-068-00	METAL CHIP	6.2K	5%	1/10W
R31	1-216-033-00	METAL CHIP	220	5%	1/10W
R32	1-216-033-00	METAL CHIP	220	5%	1/10W
R33	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R51	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R52	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R53	1-216-073-00	METAL CHIP	10K	5%	1/10W
R54	1-216-309-00	METAL CHIP	5.6	5%	1/10W
R55	1-216-309-00	METAL CHIP	5.6	5%	1/10W
R57	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R71	1-216-082-00	METAL GLAZE	24K	5%	1/10W
R72	1-216-081-00	METAL CHIP	22K	5%	1/10W
R73	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R74	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R81	1-216-073-00	METAL CHIP	10K	5%	1/10W
R82	1-216-085-00	METAL CHIP	33K	5%	1/10W
R83	1-216-001-00	METAL CHIP	10	5%	1/10W
R84	1-216-101-00	METAL CHIP	150K	5%	1/10W
R85	1-216-075-00	METAL CHIP	12K	5%	1/10W
R91	1-216-073-00	METAL CHIP	10K	5%	1/10W
R92	1-216-085-00	METAL CHIP	33K	5%	1/10W
R93	1-216-001-00	METAL CHIP	10	5%	1/10W
R94	1-216-101-00	METAL CHIP	150K	5%	1/10W
R95	1-216-075-00	METAL CHIP	12K	5%	1/10W
		< VARIABLE RESISTOR >			
RV11	1-241-761-11	RES, ADJ, CARBON 1K (PB LEVEL L-CH)			
RV21	1-241-761-11	RES, ADJ, CARBON 1K (PB LEVEL R-CH)			
RV71	1-241-630-11	RES, ADJ, CARBON 10K (TAPE SPEED NORMAL)			
RV72	1-241-630-11	RES, ADJ, CARBON 10K (TAPE SPEED HIGH)			
RV81	1-241-786-11	RES, ADJ, CARBON 22K (REC BIAS L-CH)			
RV91	1-241-786-11	RES, ADJ, CARBON 22K (REC BIAS R-CH)			
		< RELAY >			
RY31	1-515-913-11	RELAY			
		< TRANSFORMER >			
T51	1-406-417-11	COIL, BIAS OSCILLATION			
T81	1-433-381-11	TRANSFORMER, BIAS OSCILLATOR			
T91	1-433-381-11	TRANSFORMER, BIAS OSCILLATOR			
		< CONNECTOR >			
* TP81	1-568-449-11	HOUSING, CONNECTOR(PC BOARD)3P			

****

Ref. No.	Part No.	Description			Remark
*	A-2007-481-A	DOLBY-S BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C1	1-136-165-00	FILM	0.1uF	5%	50V
C2	1-163-012-00	CERAMIC CHIP	0.0018uF	10%	50V
C3	1-163-012-00	CERAMIC CHIP	0.0018uF	10%	50V
C4	1-164-222-11	CERAMIC CHIP	0.22uF		25V
C5	1-136-165-00	FILM	0.1uF	5%	50V
C6	1-136-165-00	FILM	0.1uF	5%	50V
C7	1-137-372-11	FILM	0.022uF	5%	50V
C8	1-164-222-11	CERAMIC CHIP	0.22uF		25V
C9	1-126-301-11	ELECT	1uF	20%	50V
C10	1-137-442-11	FILM	0.039uF	5%	50V
C11	1-163-007-11	CERAMIC CHIP	680PF	10%	50V
C12	1-164-717-11	CERAMIC CHIP	0.0082uF	5%	50V
C13	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C14	1-124-465-00	ELECT	0.47uF	20%	50V
C15	1-164-222-11	CERAMIC CHIP	0.22uF		25V
C16	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C17	1-124-465-00	ELECT	0.47uF	20%	50V
C18	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C19	1-164-222-11	CERAMIC CHIP	0.22uF		25V
C20	1-163-035-00	CERAMIC CHIP	0.047uF		50V
C21	1-164-717-11	CERAMIC CHIP	0.0082uF	5%	50V
C22	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C23	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C24	1-137-442-11	FILM	0.039uF	5%	50V
C25	1-136-165-00	FILM	0.1uF	5%	50V
C26	1-137-372-11	FILM	0.022uF	5%	50V
		< CONNECTOR >			
CN1	1-695-092-11	SOCKET, CONNECTOR 7P			
		< IC >			
IC1	8-752-070-70	IC CXA1917M-T6			
		< JUMPER RESISTOR >			
J1	1-216-296-00	METAL CHIP	0	5%	1/8W
J2	1-216-296-91	METAL CHIP	0	5%	1/8W
J3	1-216-296-91	METAL CHIP	0	5%	1/8W
		< RESISTOR >			
R1	1-216-685-11	METAL CHIP	27K	0.5%	1/10W
R2	1-208-811-11	METAL GLAZE	16K	2%	1/10W
R3	1-208-791-11	METAL GLAZE	2.4K	2%	1/10W
R4	1-208-799-11	METAL GLAZE	5.1K	2%	1/10W
R5	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R6	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R7	1-216-615-11	METAL CHIP	33	0.5%	1/10W
R8	1-208-462-41	METAL GLAZE	10K	2%	1/10W

DOLBY-S **LEAF SW** **MAIN** **HEADPHONE**

TRANSFORMER 1 **TRANSFORMER 2**

Ref. No.	Part No.	Description			Remark
R9	1-208-812-11	METAL GLAZE	18K	2%	1/10W
R10	1-216-615-11	METAL CHIP	33	0.5%	1/10W
R11	1-216-619-11	METAL CHIP	47	0.5%	1/10W
R12	1-216-684-11	METAL CHIP	24K	0.5%	1/10W
R13	1-216-615-11	METAL CHIP	33	0.5%	1/10W
R14	1-216-619-11	METAL CHIP	47	0.5%	1/10W
R15	1-216-655-11	METAL CHIP	1.5K	0.5%	1/10W
R16	1-216-678-11	METAL CHIP	13K	0.5%	1/10W
R17	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W
R18	1-208-462-41	METAL GLAZE	10K	2%	1/10W
R19	1-208-462-41	METAL GLAZE	10K	2%	1/10W
R20	1-216-689-11	METAL CHIP	39K	0.5%	1/10W

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*	1-634-841-14	LEAF SW BOARD	
		**********	
		< CONNECTOR >	
* CNP81	1-568-852-11	SOCKET, CONNECTOR 9P	
		< IC >	
IC81	8-749-924-10	IC NJL5165K-B(H1)	
IC82	8-749-924-10	IC NJL5165K-B(H1)	
		< RESISTOR >	
R81	1-249-414-11	CARBON	560 5% 1/4W
R82	1-247-818-11	CARBON	300 5% 1/4W
R83	1-247-834-11	CARBON	1.3K 5% 1/4W
R84	1-249-417-11	CARBON	1K 5% 1/4W
R85	1-249-408-11	CARBON	180 5% 1/4W
R86	1-249-408-11	CARBON	180 5% 1/4W
		< SWITCH >	
S81	1-571-958-11	SWITCH, PUSH (1 KEY) (STOP)	
S82	1-571-281-21	SWITCH, LEAF (CrO2)	
S83	1-571-281-21	SWITCH, LEAF (METAL)	
S84	1-571-281-21	SWITCH, LEAF (ERASE PROOF)(SIDE A)	
S85	1-571-281-21	SWITCH, LEAF (ERASE PROOF)(SIDE B)	
S86	1-571-281-21	SWITCH, LEAF (HALF)	

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Ref. No.	Part No.	Description	Remark
*	A-2007-496-A	MAIN BOARD, COMPLETE (WE805S:US,CND,E, AUS)	
*	A-2007-512-A	MAIN BOARD, COMPLETE (WA8ESA)	
*	A-2007-559-A	MAIN BOARD, COMPLETE (WE805S:AEP,UK,G, MY,SP,CH)	
		**********	
		HEADPHONE BOARD	
		**********	
		TRANSFORMER 1 BOARD (EXCEPT E)	
		**********	
		TRANSFORMER 2 BOARD	
		**********	
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
		< CAPACITOR >	
C102	1-124-925-11	ELECT 2.2uF 20% 100V	
C103	1-163-017-00	CERAMIC CHIP 0.0047uF 5% 50V	
C104	1-126-963-11	ELECT 4.7uF 20% 50V	
C105	1-164-161-11	CERAMIC CHIP 0.0022uF 10% 100V	(WA8ESA)
C106	1-126-963-11	ELECT 4.7uF 20% 50V	
C107	1-126-964-11	ELECT 10uF 20% 50V	
C108	1-130-495-00	MYLAR 0.1uF 5% 50V	
C109	1-130-493-00	MYLAR 0.068uF 5% 50V	
C110	1-126-964-11	ELECT 10uF 20% 50V	
C111	1-124-902-00	ELECT 0.47uF 20% 50V	
C112	1-126-963-11	ELECT 4.7uF 20% 50V	
C113	1-126-963-11	ELECT 4.7uF 20% 50V	
C114	1-135-149-21	TANTALUM CHIP 2.2uF 20% 10V	
C116	1-124-902-00	ELECT 0.47uF 20% 50V	
C117	1-126-963-11	ELECT 4.7uF 20% 50V	
C121	1-163-009-11	CERAMIC CHIP 0.001uF 10% 50V	
C199	1-163-016-00	CERAMIC CHIP 0.0039uF 10% 50V	
C202	1-124-925-11	ELECT 2.2uF 20% 100V	
C203	1-163-017-00	CERAMIC CHIP 0.0047uF 5% 50V	
C204	1-126-963-11	ELECT 4.7uF 20% 50V	
C205	1-164-161-11	CERAMIC CHIP 0.0022uF 10% 100V	(WA8ESA)
C206	1-126-963-11	ELECT 4.7uF 20% 50V	
C207	1-126-964-11	ELECT 10uF 20% 50V	
C208	1-130-495-00	MYLAR 0.1uF 5% 50V	
C209	1-130-493-00	MYLAR 0.068uF 5% 50V	
C210	1-126-964-11	ELECT 10uF 20% 50V	
C211	1-124-902-00	ELECT 0.47uF 20% 50V	
C212	1-126-963-11	ELECT 4.7uF 20% 50V	
C213	1-126-963-11	ELECT 4.7uF 20% 50V	
C214	1-135-149-21	TANTALUM CHIP 2.2uF 20% 10V	
C216	1-124-902-00	ELECT 0.47uF 20% 50V	
C217	1-126-963-11	ELECT 4.7uF 20% 50V	
C221	1-163-009-11	CERAMIC CHIP 0.001uF 10% 50V	
C299	1-163-016-00	CERAMIC CHIP 0.0039uF 10% 50V	
C401	1-165-319-11	CERAMIC CHIP 0.1uF 50V	(WE805S)
C451	1-126-964-11	ELECT 10uF 20% 50V	

MAIN **HEADPHONE** **TRANSFORMER 1** **TRANSFORMER 2**

Ref. No.	Part No.	Description			Remark
C461	1-126-964-11	ELECT	10uF	20%	50V
C501	1-126-964-11	ELECT	10uF	20%	50V
C502	1-126-964-11	ELECT	10uF	20%	50V
C503	1-126-964-11	ELECT	10uF	20%	50V
C505	1-124-903-11	ELECT	1uF	20%	50V
C506	1-130-491-00	FILM	0.047uF	5%	50V
C507	1-130-498-00	FILM	0.18uF	5%	50V
C508	1-124-902-00	ELECT	0.47uF	20%	50V
C509	1-126-965-11	ELECT	22uF	20%	50V
C510	1-124-903-11	ELECT	1uF	20%	50V
C511	1-126-916-11	ELECT	1000uF	20%	6.3V
C514	1-126-952-11	ELECT	1000uF	20%	16V
C515	1-126-952-11	ELECT	1000uF	20%	16V
C516	1-124-902-00	ELECT	0.47uF	20%	50V
C521	1-130-476-00	MYLAR	0.0027uF	5%	50V
C522	1-130-494-11	MYLAR	0.082uF	5%	50V
C523	1-130-491-00	MYLAR	0.047uF	5%	50V
C524	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C530	1-126-965-11	ELECT	22uF	20%	50V
C531	1-136-168-00	FILM	0.18uF	5%	50V
C532	1-130-483-00	MYLAR	0.01uF	5%	50V
C533	1-136-175-00	FILM	0.68uF	5%	50V
C601	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C602	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C603	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C604	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C701	1-126-946-11	ELECT	6800uF	20%	16V
C702	1-126-937-11	ELECT	4700uF	20%	16V
C703	1-124-903-11	ELECT	1uF	20%	50V
C704	1-126-969-11	ELECT	220uF	20%	50V
C705	1-126-963-11	ELECT	4.7uF	20%	50V
C706	1-126-926-11	ELECT	1000uF	20%	10V
C707	1-126-926-11	ELECT	1000uF	20%	10V
C708	1-126-963-11	ELECT	4.7uF	20%	50V
C709	1-126-963-11	ELECT	4.7uF	20%	50V
C710	1-126-935-11	ELECT	470uF	20%	6.3V
C711	1-126-947-11	ELECT	47uF	20%	35V
C751	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C752	1-137-374-11	FILM	0.047uF	5%	50V
C753	1-137-374-11	FILM	0.047uF	5%	50V
C801	1-126-933-11	ELECT	100uF	20%	10V
C803	1-124-902-00	ELECT	0.47uF	20%	50V
C810	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
C811	1-165-319-11	CERAMIC CHIP	0.1uF		50V

< CONNECTOR >

Ref. No.	Part No.	Description
* CN001	1-580-230-31	PIN, CONNECTOR (PC BOARD) 2P (EXCEPT E)
CN101	1-695-087-11	PIN, CONNECTOR (PC BOARD) 7P
CN201	1-695-087-11	PIN, CONNECTOR (PC BOARD) 7P
* CN501	1-691-916-11	CONNECTOR, BOARD TO BOARD
* CN502	1-691-916-11	CONNECTOR, BOARD TO BOARD
* CN503	1-691-916-11	CONNECTOR, BOARD TO BOARD
* CN504	1-691-916-11	CONNECTOR, BOARD TO BOARD
CN701	1-766-269-11	PIN, CONNECTOR (PC BOARD) 7P
* CN801	1-568-954-11	PIN, CONNECTOR 5P (US,CND,E,AUS)
CN802	1-770-246-11	SOCKET, CONNECTOR 41P
* CN803	1-568-934-11	PIN, CONNECTOR 7P
* CN804	1-568-828-11	SOCKET, CONNECTOR 9P
* CN805	1-568-828-11	SOCKET, CONNECTOR 9P
CN806	1-506-468-11	PIN, CONNECTOR 3P
* CN807	1-568-955-11	PIN, CONNECTOR 6P
* CN810	1-560-060-00	PIN, CONNECTOR 2P
CN811	1-564-506-11	PLUG, CONNECTOR 3P

< DIODE >

D151	8-719-019-12	DIODE	ZSML-5.6X-T1
D251	8-719-019-12	DIODE	ZSML-5.6X-T1
D401	8-719-016-74	DIODE	1SS352 (WE805S)
D521	8-719-016-74	DIODE	1SS352
D522	8-719-016-74	DIODE	1SS352
D601	8-719-016-74	DIODE	1SS352
D701	8-719-200-23	DIODE	11E2-NTB2
D702	8-719-200-23	DIODE	11E2-NTB2
D703	8-719-200-23	DIODE	11E2-NTB2
D704	8-719-200-23	DIODE	11E2-NTB2
D705	8-719-016-74	DIODE	1SS352
D706	8-719-016-74	DIODE	1SS352
D707	8-719-200-23	DIODE	11E2-NTB2
D708	8-719-016-74	DIODE	1SS352
D709	8-719-019-12	DIODE	ZSML-5.6X-T1
D710	8-719-019-12	DIODE	ZSML-5.6X-T1
D711	8-719-019-12	DIODE	ZSML-5.6X-T1
D712	8-719-019-16	DIODE	ZSML-6.2X-T1
D713	8-719-016-74	DIODE	1SS352
D714	8-719-016-74	DIODE	1SS352
D715	8-719-016-74	DIODE	1SS352
D716	8-719-019-20	DIODE	ZSML-6.8X-T1
D801	8-719-016-74	DIODE	1SS352
D802	8-719-016-74	DIODE	1SS352
D803	8-719-016-74	DIODE	1SS352
D804	8-719-016-74	DIODE	1SS352

< IC >

IC501	8-752-075-27	IC	CXA1878Q
IC502	8-759-636-55	IC	M5218AFP
IC503	8-759-100-96	IC	uPC4558G2
IC504	8-752-070-67	IC	CXA1597P
IC601	8-759-822-38	IC	LA6510
IC701	8-759-100-96	IC	uPC4558G2
IC801	8-752-873-55	IC	CXP82432A-005Q
IC802	8-759-165-82	IC	PST600E-T
IC803	8-759-009-06	IC	MC14052BF
IC804	8-759-009-06	IC	MC14052BF
IC805	8-759-009-19	IC	MC14081BF
IC806	8-759-009-06	IC	MC14052BF

MAIN **HEADPHONE** **TRANSFORMER 1** **TRANSFORMER 2**

Ref. No.	Part No.	Description	Remark
IC807	8-759-032-11	IC MC74HC04AF	
IC808	8-759-009-06	IC MC14052BF	
IC809	8-759-032-11	IC MC74HC04AF	
		< JACK >	
* J401	1-764-188-11	JACK (SMALL TYPE) (DIA. 3.5) (CONTROL A)	(WE805S)
* J402	1-764-188-11	JACK (SMALL TYPE) (DIA. 3.5) (CONTROL A)	(WE805S)
J501	1-770-614-11	JACK, PIN 4P (LINE IN/OUT)	
J502	1-568-519-41	JACK, LARGE TYPE (PHONES)	
		< FILTER >	
LPF101	1-233-271-11	FILTER, LOW PASS	
LPF201	1-233-271-11	FILTER, LOW PASS	
		< TRANSISTOR >	
Q101	8-729-900-74	TRANSISTOR DTC143TS	
Q102	8-729-922-37	TRANSISTOR 2SD2144S	
Q201	8-729-900-74	TRANSISTOR DTC143TS	
Q202	8-729-922-37	TRANSISTOR 2SD2144S	
Q401	8-729-010-29	TRANSISTOR MSD601-RST1 (WE805S)	
Q451	8-729-010-05	TRANSISTOR MSB709-RT1	
Q452	8-729-424-08	TRANSISTOR UN2111	
Q453	8-729-421-22	TRANSISTOR UN2211	
Q461	8-729-010-05	TRANSISTOR MSB709-RT1	
Q462	8-729-424-08	TRANSISTOR UN2111	
Q463	8-729-421-22	TRANSISTOR UN2211	
Q501	8-729-010-05	TRANSISTOR MSB709-RT1	
Q502	8-729-010-29	TRANSISTOR MSD601-RST1	
Q503	8-729-010-29	TRANSISTOR MSD601-RST1	
Q601	8-729-421-22	TRANSISTOR UN2211	
Q602	8-729-421-22	TRANSISTOR UN2211	
Q603	8-729-424-08	TRANSISTOR UN2111	
Q604	8-729-801-93	TRANSISTOR 2SD1387	
Q605	8-729-801-93	TRANSISTOR 2SD1387	
Q606	8-729-421-22	TRANSISTOR UN2211 (WE805S)	
Q607	8-729-424-08	TRANSISTOR UN2111 (WE805S)	
Q621	8-729-010-05	TRANSISTOR MSB709-RT1 (WE805S)	
Q701	8-729-141-83	TRANSISTOR 2SB1094-LK	
Q702	8-729-209-15	TRANSISTOR 2SD2012	
Q703	8-729-141-83	TRANSISTOR 2SB1094-LK	
Q704	8-729-010-29	TRANSISTOR MSD601-RST1	
Q705	8-729-421-22	TRANSISTOR UN2211 (US,CND,E,AUS)	
Q706	8-729-421-22	TRANSISTOR UN2211 (US,CND,E,AUS)	
Q707	8-729-010-05	TRANSISTOR MSB709-RT1	
Q708	8-729-140-04	TRANSISTOR 2SB1116A-L	
Q751	8-729-036-56	TRANSISTOR 2SK208-GR-TE85L (WA8ESA)	
Q801	8-729-421-19	TRANSISTOR UN2213	
Q802	8-729-010-29	TRANSISTOR MSD601-RST1	
		< RESISTOR >	

Ref. No.	Part No.	Description			Remark
R101	1-216-073-00	METAL CHIP	10K	5%	1/10W
R102	1-216-105-91	METAL GLAZE	220K	5%	1/10W
R103	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R104	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R105	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R106	1-216-060-00	METAL GLAZE	3K	5%	1/10W
R107	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R108	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W
R109	1-216-073-00	METAL CHIP	10K	5%	1/10W
R110	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R111	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R112	1-216-075-00	METAL CHIP	12K	5%	1/10W
R113	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R114	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R115	1-216-081-00	METAL CHIP	22K	5%	1/10W
R116	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R117	1-216-073-00	METAL CHIP	10K	5%	1/10W
R118	1-216-033-00	METAL CHIP	220	5%	1/10W
R119	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R120	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R122	1-216-073-00	METAL CHIP	10K	5%	1/10W
R123	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R151	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R201	1-216-073-00	METAL CHIP	10K	5%	1/10W
R202	1-216-105-91	METAL GLAZE	220K	5%	1/10W
R203	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R204	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R205	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R206	1-216-060-00	METAL GLAZE	3K	5%	1/10W
R207	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R208	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W
R209	1-216-073-00	METAL CHIP	10K	5%	1/10W
R210	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R211	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R212	1-216-075-00	METAL CHIP	12K	5%	1/10W
R213	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R214	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R215	1-216-081-00	METAL CHIP	22K	5%	1/10W
R216	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R217	1-216-073-00	METAL CHIP	10K	5%	1/10W
R218	1-216-033-00	METAL CHIP	220	5%	1/10W
R219	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R220	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R222	1-216-073-00	METAL CHIP	10K	5%	1/10W
R223	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R251	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R401	1-216-073-00	METAL CHIP	10K	5%	1/10W
R402	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R403	1-216-065-00	METAL CHIP	4.7K	5%	1/10W (WE805S)
R404	1-216-073-00	METAL CHIP	10K	5%	1/10W (WE805S)

Ref. No.	Part No.	Description			Remark
R405	1-216-001-00	METAL CHIP	10	5%	1/10W (WE805S)
R451	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R452	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R453	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R461	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R462	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R463	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R501	1-208-816-11	METAL GLAZE	27K	0.50%	1/10W
R502	1-208-813-11	METAL GLAZE	20K	0.50%	1/10W
R503	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R504	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R505	1-216-121-91	METAL GLAZE	1M	5%	1/10W
R506	1-216-073-00	METAL CHIP	10K	5%	1/10W
R507	1-216-073-00	METAL CHIP	10K	5%	1/10W
R508	1-216-041-00	METAL CHIP	470	5%	1/10W
R509	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R510	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R511	1-216-073-00	METAL CHIP	10K	5%	1/10W
R512	1-216-041-00	METAL CHIP	470	5%	1/10W
R513	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R521	1-216-081-00	METAL CHIP	22K	5%	1/10W
R522	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R523	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R524	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R525	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R526	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R527	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R528	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W
R529	1-216-041-00	METAL CHIP	470	5%	1/10W
R530	1-216-073-00	METAL CHIP	10K	5%	1/10W
R531	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R532	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R533	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R541	1-208-816-11	METAL GLAZE	27K	0.50%	1/10W
R571	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R572	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R573	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R575	1-216-070-00	METAL CHIP	7.5K	5%	1/10W
R576	1-216-075-00	METAL CHIP	12K	5%	1/10W
R577	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R578	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R579	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R580	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R581	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R582	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R583	1-216-070-00	METAL CHIP	7.5K	5%	1/10W
R584	1-216-075-00	METAL CHIP	12K	5%	1/10W
R585	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R586	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R587	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R588	1-216-067-00	METAL CHIP	5.6K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R593	1-216-081-00	METAL CHIP	22K	5%	1/10W
R594	1-216-081-00	METAL CHIP	22K	5%	1/10W
R601	1-216-025-91	METAL GLAZE	100	5%	1/10W
R602	1-216-025-91	METAL GLAZE	100	5%	1/10W
R603	1-216-081-00	METAL CHIP	22K	5%	1/10W
R604	1-216-081-00	METAL CHIP	22K	5%	1/10W
R605	1-216-075-00	METAL CHIP	12K	5%	1/10W
R606	1-216-075-00	METAL CHIP	12K	5%	1/10W
R607	1-216-076-00	METAL CHIP	13K	5%	1/10W
R608	1-216-076-00	METAL CHIP	13K	5%	1/10W
R609	1-216-076-00	METAL CHIP	13K	5%	1/10W
R610	1-216-076-00	METAL CHIP	13K	5%	1/10W
R613	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R614	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R615	1-216-072-00	METAL CHIP	9.1K	5%	1/10W
R616	1-216-072-00	METAL CHIP	9.1K	5%	1/10W
R617	1-216-073-00	METAL CHIP	10K	5%	1/10W
R618	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R619	1-216-073-00	METAL CHIP	10K	5%	1/10W
R620	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R622	1-216-066-00	METAL CHIP	5.1K	5%	1/10W (WE805S)
R623	1-216-089-91	METAL GLAZE	47K	5%	1/10W (WE805S)
R624	1-216-089-91	METAL GLAZE	47K	5%	1/10W (WE805S)
R701	1-249-414-11	CARBON	560	5%	1/4W
R702	1-216-073-00	METAL CHIP	10K	5%	1/10W
R703	1-216-061-00	METAL CHIP	3.3K	5%	1/10W (WE805S)
R704	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R705	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R706	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R707	1-216-073-00	METAL CHIP	10K	5%	1/10W
R708	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R709	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R710	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R711	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R712	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R713	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R714	1-216-073-00	METAL CHIP	10K	5%	1/10W
R715	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R716	1-216-081-00	METAL CHIP	22K	5%	1/10W
R717	1-216-073-00	METAL CHIP	10K	5%	1/10W
R718	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R719	1-216-075-00	METAL CHIP	12K	5%	1/10W
⚠ R720	1-219-136-11	FUSIBLE	0.22	10%	1/4W F
⚠ R722	1-219-137-11	FUSIBLE	0.33	10%	1/4W F
⚠ R723	1-219-137-11	FUSIBLE	0.33	10%	1/4W F
R751	1-216-047-91	METAL GLAZE	820	5%	1/10W (WA8ESA)
R752	1-216-047-91	METAL GLAZE	820	5%	1/10W (WA8ESA)

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

MAIN | **HEADPHONE** | **TRANSFORMER 1** | **TRANSFORMER 2**

Ref. No.	Part No.	Description			Remark
R754	1-216-038-00	METAL CHIP	360	5%	1/10W (WA8ESA)
R799	1-216-073-00	METAL CHIP	10K	5%	1/10W
R800	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R802	1-216-073-00	METAL CHIP	10K	5%	1/10W
R803	1-216-073-00	METAL CHIP	10K	5%	1/10W (WE805S)
R804	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R806	1-216-081-00	METAL CHIP	22K	5%	1/10W
R807	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R808	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R809	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R810	1-216-025-91	METAL GLAZE	100	5%	1/10W
R811	1-216-073-00	METAL CHIP	10K	5%	1/10W
R812	1-216-073-00	METAL CHIP	10K	5%	1/10W
R813	1-216-073-00	METAL CHIP	10K	5%	1/10W
R814	1-216-073-00	METAL CHIP	10K	5%	1/10W
R815	1-216-073-00	METAL CHIP	10K	5%	1/10W
R816	1-216-025-91	METAL GLAZE	100	5%	1/10W
R817	1-216-025-91	METAL GLAZE	100	5%	1/10W
R818	1-216-025-91	METAL GLAZE	100	5%	1/10W
R819	1-216-025-91	METAL GLAZE	100	5%	1/10W
R820	1-216-025-91	METAL GLAZE	100	5%	1/10W
R821	1-216-025-91	METAL GLAZE	100	5%	1/10W
R822	1-216-025-91	METAL GLAZE	100	5%	1/10W
R823	1-216-025-91	METAL GLAZE	100	5%	1/10W
R824	1-216-025-91	METAL GLAZE	100	5%	1/10W
R825	1-216-025-91	METAL GLAZE	100	5%	1/10W
R826	1-216-025-91	METAL GLAZE	100	5%	1/10W
R827	1-216-025-91	METAL GLAZE	100	5%	1/10W
R828	1-216-025-91	METAL GLAZE	100	5%	1/10W
R829	1-216-025-91	METAL GLAZE	100	5%	1/10W
R830	1-216-025-91	METAL GLAZE	100	5%	1/10W
R831	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R832	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R833	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R834	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R841	1-216-073-00	METAL CHIP	10K	5%	1/10W
R842	1-216-080-00	METAL CHIP	20K	5%	1/10W
R843	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R844	1-216-092-00	METAL GLAZE	62K	5%	1/10W
R845	1-216-084-00	METAL CHIP	30K	5%	1/10W
R846	1-216-077-00	METAL CHIP	15K	5%	1/10W
R847	1-216-070-00	METAL CHIP	7.5K	5%	1/10W
R848	1-216-073-00	METAL CHIP	10K	5%	1/10W
R849	1-216-073-00	METAL CHIP	10K	5%	1/10W
R850	1-216-073-00	METAL CHIP	10K	5%	1/10W
R851	1-216-073-00	METAL CHIP	10K	5%	1/10W
R852	1-216-083-00	METAL CHIP	27K	5%	1/10W
R853	1-216-083-00	METAL CHIP	27K	5%	1/10W
R854	1-216-083-00	METAL CHIP	27K	5%	1/10W
R855	1-216-083-00	METAL CHIP	27K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R861	1-216-073-00	METAL CHIP	10K	5%	1/10W
R862	1-216-080-00	METAL CHIP	20K	5%	1/10W
R863	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R864	1-216-092-00	METAL GLAZE	62K	5%	1/10W
R865	1-216-084-00	METAL CHIP	30K	5%	1/10W
R866	1-216-077-00	METAL CHIP	15K	5%	1/10W
R867	1-216-070-00	METAL CHIP	7.5K	5%	1/10W
R868	1-216-073-00	METAL CHIP	10K	5%	1/10W
R869	1-216-073-00	METAL CHIP	10K	5%	1/10W
R870	1-216-073-00	METAL CHIP	10K	5%	1/10W
R871	1-216-073-00	METAL CHIP	10K	5%	1/10W
R872	1-216-083-00	METAL CHIP	27K	5%	1/10W
R873	1-216-083-00	METAL CHIP	27K	5%	1/10W
R874	1-216-083-00	METAL CHIP	27K	5%	1/10W
R875	1-216-083-00	METAL CHIP	27K	5%	1/10W
R877	1-216-081-00	METAL CHIP	22K	5%	1/10W
R878	1-216-081-00	METAL CHIP	22K	5%	1/10W
R881	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R882	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R883	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R884	1-216-083-00	METAL CHIP	27K	5%	1/10W
R885	1-216-083-00	METAL CHIP	27K	5%	1/10W
R886	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R891	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R892	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R893	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R894	1-216-083-00	METAL CHIP	27K	5%	1/10W
R895	1-216-083-00	METAL CHIP	27K	5%	1/10W
R896	1-216-057-00	METAL CHIP	2.2K	5%	1/10W

< VARIABLE RESISTOR >

RV101	1-241-630-11	RES, ADJ, CARBON 10K (RECORD LEVEL L)	(DECK-B)
RV102	1-241-630-11	RES, ADJ, CARBON 10K (RECORD LEVEL L)	(DECK-A)
RV201	1-241-630-11	RES, ADJ, CARBON 10K (RECORD LEVEL R)	(DECK-B)
RV202	1-241-630-11	RES, ADJ, CARBON 10K (RECORD LEVEL R)	(DECK-A)
RV601	1-241-765-11	RES, ADJ, CARBON 22K (PITCH CONTROL)	(WE805S)

< VIBRATOR >

X801	1-579-175-11	VIBRATOR, CERAMIC (10MHz)	

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Ref. No.	Part No.	Description			Remark
*	A-2007-498-A	PANEL (C) BOARD, COMPLETE (WE805S)			
*	A-2007-512-A	PANEL (C) BOARD, COMPLETE (WA8ESA)			
		**********			
*	3-377-337-11	HOLDER (FL)			
		< CONNECTOR >			
CN902	1-770-247-11	SOCKET, CONNECTOR 41P			
		< IC >			
IC901	8-741-810-59	IC SBX1810-59			
		< RESISTOR >			
R904	1-216-025-91	METAL GLAZE	100	5%	1/10W
R911	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R912	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R913	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R914	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W
R915	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R916	1-216-077-00	METAL CHIP	15K	5%	1/10W
R917	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R921	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R922	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R923	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R924	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W
R925	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R926	1-216-077-00	METAL CHIP	15K	5%	1/10W
R927	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R931	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R932	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R935	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R936	1-216-077-00	METAL CHIP	15K	5%	1/10W
R937	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R941	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R942	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R943	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R944	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W
R945	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R946	1-216-077-00	METAL CHIP	15K	5%	1/10W
R951	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R952	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R953	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R954	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W
		< SWITCH >			
S911	1-554-303-21	SWITCH, TACTILE (■)(DECK-A)			
S912	1-554-303-21	SWITCH, TACTILE (PAUSE❚❚) (DECK-A)			
S913	1-554-303-21	SWITCH, TACTILE (▷)(DECK-A)			
S914	1-554-303-21	SWITCH, TACTILE (◁)(DECK-A)			
S915	1-554-303-21	SWITCH, TACTILE (REC MUTE) (DECK-A)			
S916	1-554-303-21	SWITCH, TACTILE (◀◀ RMS–) (DECK-B)			
S917	1-554-303-21	SWITCH, TACTILE (▶▶ RMS+) (DECK-B)			
S918	1-554-303-21	SWITCH, TACTILE (REC ●) (DECK-B)			
S921	1-554-303-21	SWITCH, TACTILE (■) (DECK-B)			
S922	1-554-303-21	SWITCH, TACTILE (PAUSE❚❚) (DECK-B)			
S923	1-554-303-21	SWITCH, TACTILE (▷) (DECK-B)			
S924	1-554-303-21	SWITCH, TACTILE (◁) (DECK-B)			
S925	1-554-303-21	SWITCH, TACTILE (REC MUTE) (DECK-B)			
S926	1-554-303-21	SWITCH, TACTILE (◀◀ RMS–) (DECK-A)			
S927	1-554-303-21	SWITCH, TACTILE (▶▶ RMS+) (DECK-A)			
S928	1-554-303-21	SWITCH, TACTILE (REC ●) (DECK-A)			
S931	1-554-303-21	SWITCH, TACTILE (RESET/COUNTER A)			
S932	1-554-303-21	SWITCH, TACTILE (MEMORY/COUNTER A)			
S936	1-762-567-11	SWITCH, SLIDE (DOLBY NR OFF/ON/FILTER)			
S937	1-762-609-11	SWITCH, SLIDE (DOLBY NR B/C/S)			
S941	1-554-303-21	SWITCH, TACTILE (DISPLAY)			
S942	1-554-303-21	SWITCH, TACTILE (RMS/START)			
S943	1-554-303-21	SWITCH, TACTILE (CHECK)			
S944	1-554-303-21	SWITCH, TACTILE (SET)			
S945	1-554-303-21	SWITCH, TACTILE (A+B REC)			
S946	1-554-303-21	SWITCH, TACTILE (HIGH/NORMAL)			
S951	1-554-303-21	SWITCH, TACTILE (RESET/COUNTER B)			
S952	1-554-303-21	SWITCH, TACTILE (MEMORY/COUNTER B)			
S953	1-554-303-21	SWITCH, TACTILE (DECK-A)			
S954	1-554-303-21	SWITCH, TACTILE (DECK-B)			
		< INDICATOR TUBE >			
VFD901	1-517-263-11	INDICATOR TUBE, FLUORESCENT			
**********					
*	A-2007-512-A	PANEL L1 BOARD, COMPLETE (WA8ESA)			
*	A-2007-497-A	PANEL L1 BOARD, COMPLETE (WE805S:US, CND,E,AUS)			
		**********			
		< RESISTOR >			
R903	1-216-097-91	METAL GLAZE	100K	5%	1/10W (WE805S:US,CND,E,AUS)
R947	1-216-089-91	METAL GLAZE	47K	5%	1/10W
		< VARIABLE RESISTOR >			
RV902	1-225-173-11	RES, VAR, CARBON 50K (PITCH CONTROL) (WE805S:US,CND,E,AUS)			
		< SWITCH >			
S801	1-554-118-00	SWITCH, PUSH (1 KEY) (POWER)			
S947	1-762-609-11	SWITCH, SLIDE (DIRECTION MODE)			
S961	1-554-118-00	SWITCH, PUSH (1 KEY)(PITCH CONTROL) (WE805S:US,CND,E,AUS)			
**********					

PANEL L2 | PANEL (R) | POWER SW

Ref. No.	Part No.	Description	Remark
*	1-659-572-11	PANEL L2 BOARD (WE805S:AEP,UK,G,MY,SP,CH)	
		**********	
		< RESISTOR >	
R903	1-216-097-91	METAL GLAZE 100K 5% 1/10W	
R947	1-216-089-91	METAL GLAZE 47K 5% 1/10W	
		< VARIABLE RESISTOR >	
RV902	1-225-173-11	RES, VAR, CARBON 50K (PITCH CONTROL)	
		< SWITCH >	
S947	1-762-609-11	SWITCH, SLIDE (DIRECTION MODE)	
S961	1-554-118-00	SWITCH, PUSH (1 KEY) (PITCH CONTROL)	
**********			
*	A-2007-512-A	PANEL (R) BOARD, COMPLETE (WA8ESA)	
*	A-2007-499-A	PANEL (R) BOARD, COMPLETE (WE805S)	
		**********	
		< DIODE >	
D901	8-719-313-43	LED SEL6210S-TH10 (SYNCRO) (WE805S)	
D902	8-719-313-43	LED SEL6210S-TH10 (AUTO REC LEVEL)	
		< TRANSISTOR >	
Q901	8-729-424-08	TRANSISTOR UN2111	(WE805S)
Q902	8-729-424-08	TRANSISTOR UN2111	
		< RESISTOR >	
R901	1-216-041-00	METAL CHIP 470 5% 1/10W	(WE805S)
R902	1-216-041-00	METAL CHIP 470 5% 1/10W	
R933	1-216-059-00	METAL CHIP 2.7K 5% 1/10W	
R934	1-216-063-91	METAL GLAZE 3.9K 5% 1/10W	(WE805S)
R938	1-216-063-91	METAL GLAZE 3.9K 5% 1/10W	(WA8ESA)
		< VARIABLE RESISTOR >	
RV901	1-241-797-11	RES, VAR, CARBON 20K (AUTO REC LEVEL)	
		< SWITCH >	
S933	1-554-303-21	SWITCH, TACTILE (FADER) (WE805S)	
S934	1-554-303-21	SWITCH, TACTILE (ARL) (WE805S)	
S935	1-554-303-21	SWITCH, TACTILE (SYNCHRO) (WE805S)	
S935	1-554-303-21	SWITCH, TACTILE (ARL) (WA8ESA)	
S938	1-554-303-21	SWITCH, TACTILE (FADER) (WA8ESA)	
**********			

Ref. No.	Part No.	Description	Remark
*	1-659-575-11	POWER SW BOARD (WE805S:AEP,UK,G,MY,SP,CH)	
		**********	
		< CAPACITOR >	
⚠ C001	1-113-925-11	ELECT 0.01uF 20% 250V	
		< CONNECTOR >	
CN002	1-568-226-11	PIN, CONNECTOR 2P	
		< SWITCH >	
⚠ S850	1-762-581-11	SWITCH, AC POWER PUSH (1 KEY) (POWER)	
**********			
		MISCELLANEOUS	
		**********	
⚠ 10	1-551-188-XX	CORD, POWER (E)	
⚠ 10	1-558-945-21	CORD, POWER (POLAR.SPT-1) (US,CND)	
⚠ 10	1-575-651-21	CORD, POWER (AEP,G,MY,SP,CH)	
⚠ 10	1-696-586-11	CORD, POWER (UK)	
⚠ 10	1-696-845-11	CORD, POWER (AUS)	
⚠ 10	1-751-523-11	CORD, POWER (UK)	
⚠ 11	1-569-007-11	ADAPTER, CONVERSION 2P (E)	
⚠ 11	1-569-008-21	ADAPTER, CONVERSION 2P (CH)	
73	1-769-916-11	WIRE (FLAT TYPE) (9 CORE)	
78	1-769-598-11	WIRE (FLAT TYPE) (41 CORE)	
121	1-638-983-11	MOTOR FLEXIBLE BOARD	
HRPE101	A-2004-527-A	DECK ASSY, HEAD (RECORD/PLAYBACK/ERASE)	
M1	X-3365-377-2	MOTOR ASSY (CAPSTAN)	
M2	X-3363-501-2	MOTOR ASSY (REEL)	
⚠ S701	1-692-155-11	VOLTAGE SELECTOR (VOLTAGE SELECTOR)(E)	
⚠ T801	1-427-782-11	TRANSFORMER, POWER (US,CND)	
⚠ T801	1-427-783-11	TRANSFORMER, POWER (EXCEPT US,CND,E)	
⚠ T801	1-427-784-11	TRANSFORMER, POWER (E)	
**********			
		ACCESSORIES & PACKING MATERIALS	
		**********	
	1-473-598-11	REMOTE COMMANDER (RM-J910)	(WA8ESA:CND)
	1-551-734-11	CORD, CONNECTION	
⚠	1-569-007-11	ADAPTER, CONVERSION 2P (E)	
⚠	1-569-008-21	ADAPTER, CONVERSION 2P (CH)	
	1-777-172-11	CORD, CONNECTION (WE805S:CND)	
	3-810-716-11	MANUAL, INSTRUCTION (ENGLISH) (US,CND,	UK,AUS)
	3-810-716-21	MANUAL, INSTRUCTION (FRENCH)(CND)	
	3-810-716-31	MANUAL, INSTRUCTION (ENGLISH/FRENCH/	SPANISH/PORTUGUESE)(AEP)
	3-810-716-41	MANUAL, INSTRUCTION (GERMAN/DUTCH/	SWEDISH/ITALIAN)(AEP)
	3-810-716-51	MANUAL, INSTRUCTION (GERMAN)(G)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
	3-810-716-61	MANUAL, INSTRUCTION (ENGLISH/FRENCH/ FRENCH/SPANISH/CHINESE)(E,MY,SP,CH)	
	3-810-765-11	MANUAL(CONTROL-A1),INSTRUCTION (ENGLISH) (WE805S:US,CND,E,AEP,UK,G)	
	3-810-765-21	MANUAL(CONTROL-A1),INSTRUCTION (ENGLISH/FRENCH/SPNISH/GERMAN/DUTCH/ SWEDISH/ITALIAN/PORTUGUESE/CHINESE) (WE805S:CND,AEP,G,E,MY,SP,CH)	
	3-856-156-11	MANUAL, INSTRUCTION (ENGLISH/FRENCH)	(WA8ESA:CND)
*	3-932-083-01	CUSHION (WE805S:CND,AEP,G,AUS,MY,SP,CH)	
*	3-932-083-01	CUSHION (WE805S:US,E,UK)	
*	3-934-286-01	CARTON, INDIVIDUAL (WE805S:US,CND,E,AUS)	
*	3-934-288-01	CARTON, INDIVIDUAL (WA8ESA)	
*	3-934-930-01	INDIVIDUAL CARTON (WE805S:AEP,UK,G,MY,	SP,CH)
*	3-936-086-01	CUSHION (WA8ESA)	
	4-981-643-01	COVER BATTERY (For RM-J910) (WA8ESA:CND)	

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HARDWARE LIST
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#1	7-682-548-04	SCREW +BVTT 3X8 (S)
#2	7-685-871-01	SCREW +BVTT 3X6 (S)
#3	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S
#4	7-685-862-09	SCREW +BVTT 2.6X6 (S)
#5	7-685-134-19	SCREW (+ PTPWH) (2.6X8)
#6	7-627-556-08	SCREW +P 2.6X2.8
#7	7-621-775-00	SCREW +B 2.6X3

9-960-607-11

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Home A&V Products Div.

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TC-WA8ESA/WE805S

SONY

SERVICE MANUAL

US Model
Canadian Model
TC-WA8ESA/WE805S
AEP Model
UK Model
E Model
Australian Model
Chinese Model
TC-WE805S

CORRECTION-1

Correct your service manual as shown below.

Page	INCORRECT				CORRECT			
	Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
47	70	X-4945-947-1	HOLDER (L) ASSY, CASSETTE		70	X-4945-946-1	HOLDER (R) ASSY, CASSETTE	
	83	X-4945-946-1	HOLDER (R) ASSY, CASSETTE		83	X-4945-947-1	HOLDER (L) ASSY, CASSETTE	

(RPC-99002)

9-960-607-91

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